

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

APPLICATION FOR PERMIT TO DRILL, DEEPEN		5. LEASE DESIGNATION AND SERIAL NO. ML-21836	
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input checked="" type="checkbox"/>		7. UNIT AGREEMENT NAME Wells Draw	
1b. TYPE OF WELL OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> OTHER <input type="checkbox"/>		8. FARM OR LEASE NAME N/A	
2. NAME OF OPERATOR Newfield Production Company		9. WELL NO. Wells Draw State #M-32-8-16	
3. ADDRESS AND TELEPHONE NUMBER: Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721		10. FIELD AND POOL OR WILDCAT Monument Butte	
4. LOCATION OF WELL (FOOTAGE) At Surface NW/SE 1994' FSL 2008' FEL At proposed Producing Zone SE 2644' FSL 2640' FEL		11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: NW/SE Sec. 32, T8S, R16E	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approximately 11.0 miles southwest of Myton, UT		12. County Duchesne	13. STATE UT
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) Approx. 2640' f/lse line and 2636' f/unit line	16. NO. OF ACRES IN LEASE 640.00	17. NO. OF ACRES ASSIGNED TO THIS WELL 20	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE, FT. Approximately 1287' (Down Hole)	19. PROPOSED DEPTH 6500'	20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5754' GL		22. APPROX. DATE WORK WILL START* 4th Quarter 2006	

23. **PROPOSED CASING AND CEMENTING PROGRAM**

SIZE OF HOLE	SIZE OF CASING	WEIGHT/FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

*The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature: *Mandie Crozier* **Regulatory Specialist** Date: 6/16/2006
Mandie Crozier

(This space for State use only)

API Number Assigned: 43-013-33222 APPROVAL: _____

RECEIVED
JUN 23 2006

*See Instructions On Reverse Side

DIV. OF OIL, GAS & MINING

NEWFIELD



ROCKY MOUNTAINS

June 27, 2006

43-013-33222

Ms. Diana Whitney
State of Utah, Div. of Oil, Gas and Mining
P.O. Box 145801
Salt Lake City, Utah 84114-5801

Re: Directional Drilling R649-3-11; Wells Draw Unit UTU-72613A
State of Utah ML-21836, Duchesne Co., UT
State M-32-8-16; 1994' FSL, 2008' FEL (at surface)
2644' FSL, 2640' FEL (bottomhole)
Section 32-T8S-R16E

Dear Ms. Whitney:

Pursuant to the filing of Newfield Production Company's (hereinafter "NPC") Application for Permit to Drill dated 06/16/06 (copies enclosed herewith) which concern the well referenced above, NPC is hereby submitting this letter in accordance with Oil & Gas Conservation Rule R649-3-11 pertaining to Directional Drilling.

This drillsite location is located within the boundaries of the Wells Draw Unit UTU-72613A. NPC is permitting this well as a directional well in order to minimize surface disturbance. Locating the well at the surface location and directionally drilling from this location, NPC will be able to utilize the existing the existing road and pipelines in the area.

Furthermore, NPC hereby certifies that NPC is the Wells Draw Unit Operator and all lands within 460 feet of the entire directional well bore is within the Wells Draw Unit.

Therefore, based on the above stated information NPC requests that the permit be granted pursuant to R649-3-11. Thank you for your consideration in this matter.

Sincerely,

Newfield Production Company



Rhonda Deimer
Land Associate

Enclosures

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DIV. OF OIL, GAS & MINING

FORM 3

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-21836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Wells Draw

8. FARM OR LEASE NAME
N/A

9. WELL NO.
Wells Draw State #M-32-8-16

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN
**NW/SE
Sec. 32, T8S, R16E**

12. County
Duchesne

13. STATE
UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

Oil **GAS** **OTHER**

SINGLE ZONE **MULTIPLE ZONE**

2. NAME OF OPERATOR
Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:
Route #3 Box 3630, Myton, UT 84052 Phone: **(435) 646-3721**

4. LOCATION OF WELL (FOOTAGE)

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At proposed Producing Zone **SE 2644' FSL 2640' FEL**

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24. Name & Signature: *Mandie Crozier* **Regulatory Specialist** Date: 6/16/2006
Mandie Crozier

(This space for State use only)

API Number Assigned: _____ APPROVAL: _____

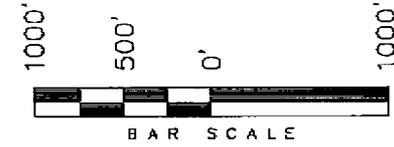
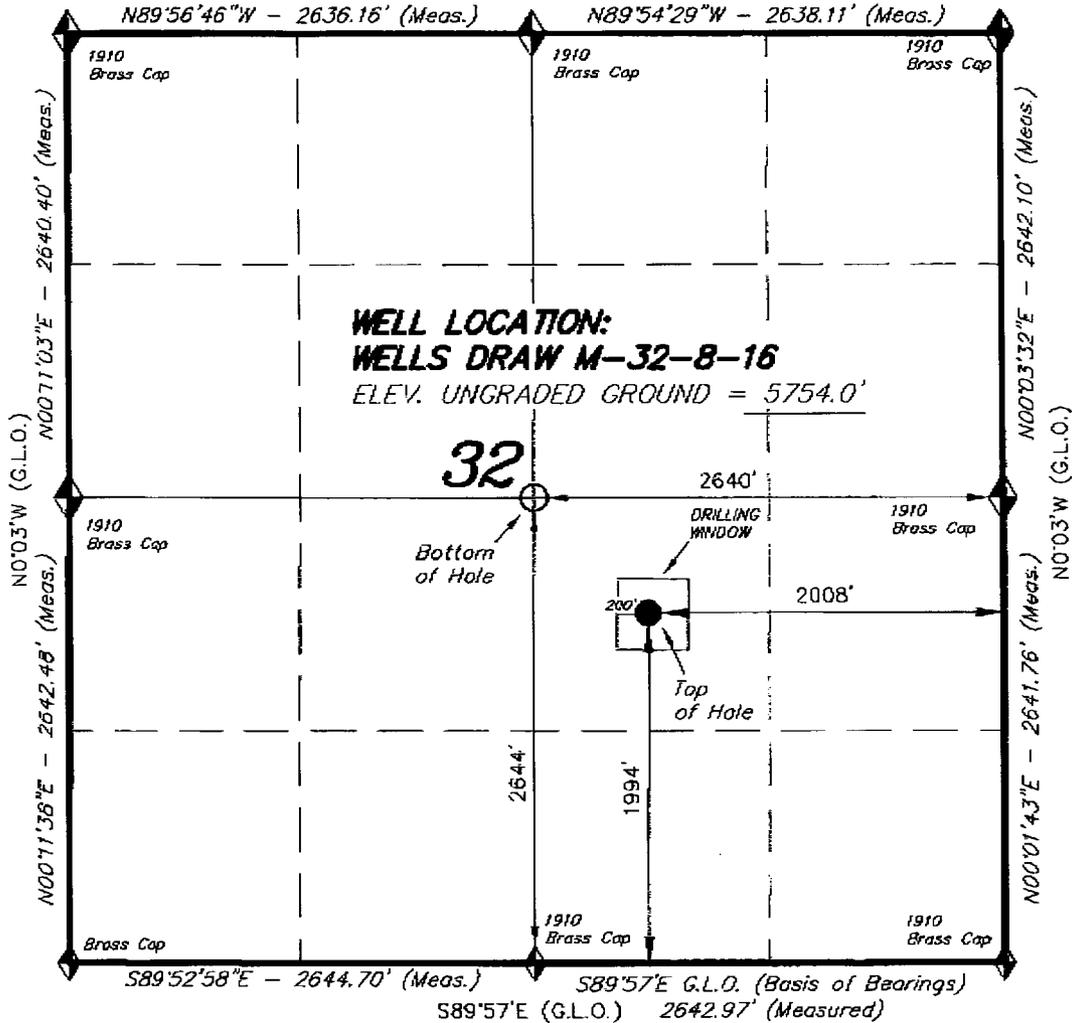
*See Instructions On Reverse Side

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JUN 29 2006
DIV. OF OIL, GAS & MINING

T8S, R16E, S.L.B.&M.

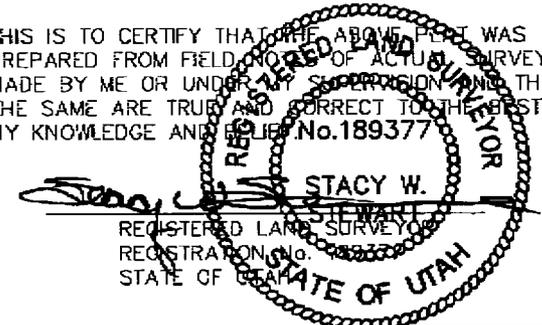
NEWFIELD PRODUCTION COMPANY

WELL LOCATION, WELLS DRAW
M-32-8-16, LOCATED AS SHOWN IN
THE NW 1/4 SE 1/4 OF SECTION 32,
T8S, R16E, S.L.B.&M. DUCHESNE
COUNTY, UTAH.



Note:
1. The bottom of hole bears N44°08'20"W
906.24' from the well head.

THIS IS TO CERTIFY THAT THE ABOVE PLAN WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

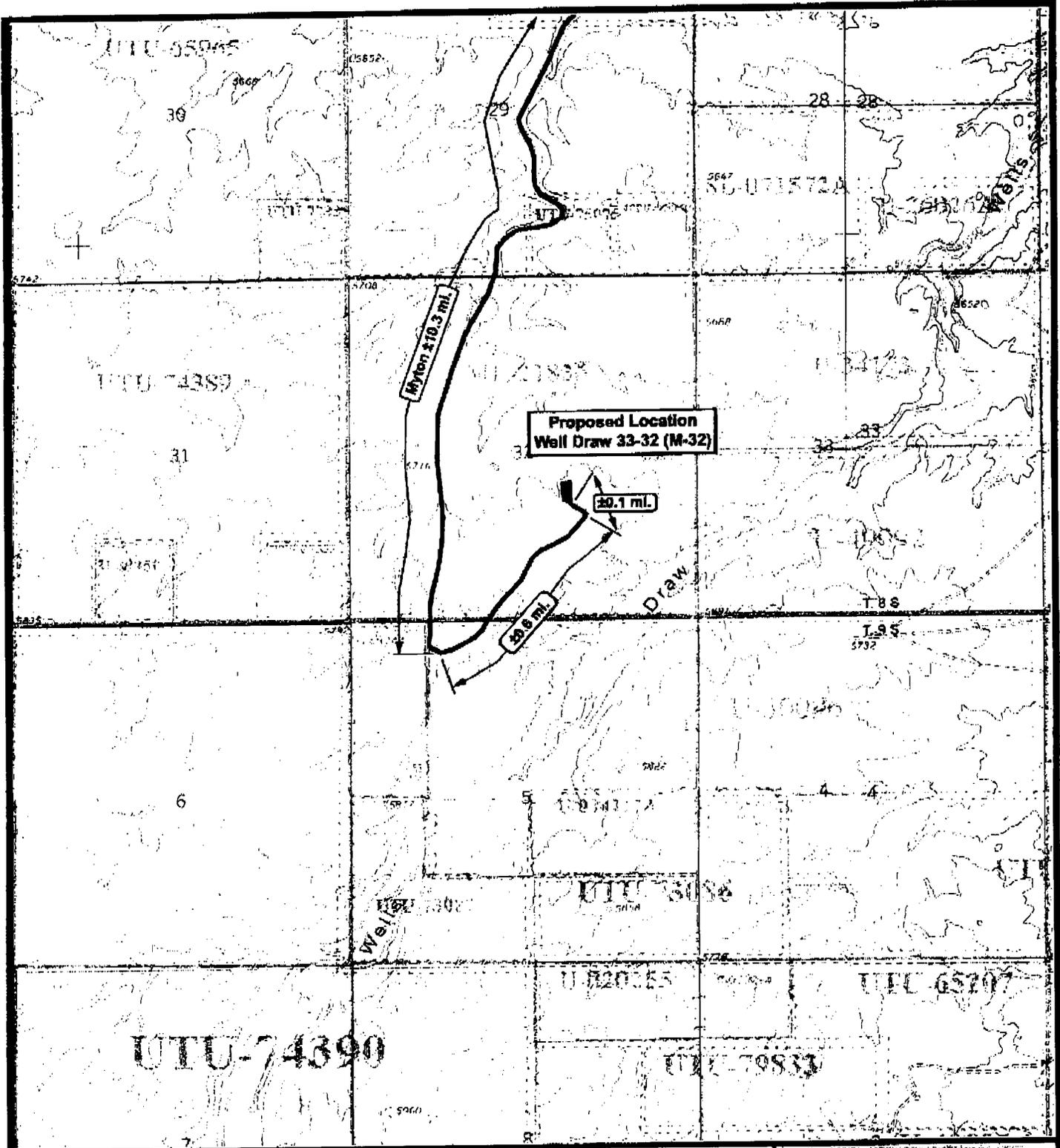


◆ = SECTION CORNERS LOCATED
BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SW)

WELLS DRAW M-32-8-16
(Surface Location) NAD 83
LATITUDE = 40° 04' 21.57"
LONGITUDE = 110° 08' 27.74"

TRI STATE LAND SURVEYING & CONSULTING	
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501	
DATE SURVEYED: 05-23-06	SURVEYED BY: C.M.
DATE DRAWN: 05-24-06	DRAWN BY: F.T.M.
REVISED:	SCALE: 1" = 1000'

95/27/2006 11:07 4356--3031 INLAND PAGE 02



Tri-State
Land Surveying Inc.

**Wells Draw 33-32-8-16 (M-32)
SEC. 32, T8S, R16E, S.L.B.&M.**



**Tri-State
Land Surveying Inc.**
180 North Vernal Ave. Vernal, Utah 84076
(435) 781-2501

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

Existing Road

TOPOGRAPHIC MAP

"B"

NEWFIELD PRODUCTION COMPANY
WELLS DRAW STATE #M-32-8-16
NW/SE SECTION 32, T8S, R16E
DUCHESNE COUNTY, UTAH

TEN POINT DRILLING PROGRAM

1. **GEOLOGIC SURFACE FORMATION:**

Uinta formation of Upper Eocene Age

2. **ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:**

Uinta	0 – 1700'
Green River	1700'
Wasatch	6500'

3. **ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:**

Green River Formation 1700' – 6500' – Oil

4. **PROPOSED CASING PROGRAM:**

Surface Casing: 8-5/8" J-55 24# w/ST&C collars; set at 290' (New)
Production Casing: 5-1/2" J-55, 15.5# w/LT&C collars; set at TD (New or used, inspected).

5. **MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:**

The operator's minimum specifications for pressure control equipment are as follows:

An 8" Double Ram Hydraulic unit with a closing unit will be utilized. Function test of BOP's will be check daily.

Refer to **Exhibit C** for a diagram of BOP equipment that will be used on this well.

6. **TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:**

The well will be drilled with a fresh water/polymer system will be utilized. If necessary, to control formation fluids, the system will be weighted with the addition of bentonite gel, and if conditions warrant, barite. This fresh water system typically will contain Total Dissolved Solids (TDS) of less than 3000 PPM. Neither potassium chloride nor chromates will be utilized in the fluid system. The anticipated mud weight is 8.4 ppg and weighted as necessary for gas control.

MUD PROGRAM	MUD TYPE
Surface – 3200'	fresh water
3200' – TD'	fresh water system

From about surface to TD, a fresh water system will be utilized. Clay inhibition and hole stability will be achieved with a KCL substitute additive. This fresh water system will typically contain Total Dissolved Solids (TDS) of less than 3000 PPM. Anticipated mud weight is 8.4 lbs/gal. If necessary to control formation fluids or pressure, the system will be weighted with the addition of bentonite gel, and if pressure conditions warrant, with barite. No chromate additives will be used in the mud system.

7. **AUXILIARY SAFETY EQUIPMENT TO BE USED:**

Auxiliary safety equipment will be a Kelly Cock, bit float, and a TIW valve with drill pipe threads.

8. **TESTING, LOGGING AND CORING PROGRAMS:**

The logging program will consist of a Dual Induction, Gamma Ray and Caliper log from TD to base of surface casing @ 290' +/-, and a Compensated Neutron-Formation Density Log from TD to 3500' +/- . A cement bond log will be run from PBD to cement top. No drill stem testing or coring is planned for this well.

9. **ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:**

The anticipated maximum bottom hole pressure is 2000 psi. It is not anticipated that abnormal temperatures will be encountered; or that any other abnormal hazards such as H₂S will be encountered in this area.

10. **ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:**

It is anticipated that the drilling operations will commence the fourth quarter of 2006, and take approximately seven (7) days from spud to rig release.

NEWFIELD PRODUCTION COMPANY
WELLS DRAW STATE #M-32-8-16
NW/SE SECTION 32, T8S, R16E
DUCHESNE COUNTY, UTAH

THIRTEEN POINT SURFACE PROGRAM

1. **EXISTING ROADS**

See attached **Topographic Map “A”**

To reach Newfield Production Company well location site Wells Draw State M-32-8-16 located in the NW ¼ SE ¼ Section 32, T8S, R16E, S.L.B. & M., Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles ± to the junction of this highway and UT State Hwy 53; proceed southwesterly along Hwy 53 - 1.7 miles ± to its junction with an existing road to the southwest; proceed in a southwesterly direction - 7.0 miles ± to its junction with an existing road to the northeast; proceed northeasterly - 0.6 miles to its junction with the access road to the existing 33-32-8-16 well location. The proposed #M-32-8-16 will be drilled directionally off of the existing well pad.

The highways mentioned in the foregoing paragraph are bituminous surfaced roads to the point where Highway 216 exists to the South, thereafter the roads are constructed with existing materials and gravel. The highways are maintained by Utah State road crews. All other roads are maintained by County crews.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing area they are located in and range from clays to a sandy-clay shale material.

The roads for access during the drilling, completion and production phase will be maintained at the standards required by the State of Utah, or other controlling agencies. This maintenance will consist of some minor grader work for smoothing road surfaces and for snow removal.

2. **PLANNED ACCESS ROAD**

There is no proposed access road for this location. The proposed well will be drilled off of the existing 33-32-8-16 well pad. See attached **Topographic Map “B”**.

There will be no new gates or cattle guards required.

3. **LOCATION OF EXISTING WELLS**

Refer to **EXHIBIT B**.

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

The proposed well will be drilled directionally off of the existing 33-32-8-16 well pad. There will be a pumping unit and a short flow line added to the existing tank battery for the proposed M-32-8-16.

It is anticipated that this well will be a producing oil well.

Upon construction of a tank battery, the well pad will be surrounded by a dike of sufficient capacity to contain at minimum 110% of the largest tank volume within the facility battery.

Tank batteries will be built to State specifications.

All permanent (on site for six (6) months or longer) structures, constructed or installed (including pumping units), will be painted Desert Tan. All facilities will be painted within six months of installation.

5. **LOCATION AND TYPE OF WATER SUPPLY**

Fresh water purchased from the Johnson Water District will be used for drilling. A temporary poly pipeline may be used for water transportation from our existing supply line from Johnson Water District, or trucked from Newfield Production Company's injection facilities – **EXHIBIT A**.

6. **SOURCE OF CONSTRUCTION MATERIALS**

The proposed Wells Draw State M-32-8-16 will be drilled off of the existing 33-32-8-16 well pad. No additional surface disturbance will be required for this location.

7. **METHODS FOR HANDLING WASTE DISPOSAL**

A small reserve pit (90' x 40' x 8' deep, or less) will be constructed from native soil and clay materials. The reserve pit will receive the processed drill cutting (wet sand, shale & rock) removed from the wellbore. Any drilling fluids, which do accumulate in the pit as a result of shale-shaker carryover, cleaning of the sand trap, etc., will be promptly reclaimed. All drilling fluids will be fresh water based, typically containing Total Dissolved Solids of less than 3000 PPM. No potassium chloride, chromates, trash, debris, nor any other substance deemed hazardous will be placed in this pit. Therefore, it is proposed that no synthetic liner be required in the reserve pit. However, if upon constructing the pit there is insufficient fine clay and silt present, a liner will be used for the purpose of reducing water loss through percolation.

Newfield requests approval that a flare pit not be constructed or utilized on this location.

A portable toilet will be provided for human waste.

A trash basket will be provided for garbage (trash) and hauled away to an approved disposal site at the completion of the drilling activities.

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

8. **ANCILLARY FACILITIES:**

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. **WELL SITE LAYOUT:**

See attached Location Layout Sheet.

Fencing Requirements

All pits will be fenced according to the following minimum standards:

- a) A 39-inch net wire shall be used with at least one strand of barbed wire on top of the net.
- b) The net wire shall be no more than two (2) inches above the ground. The barbed wire shall be three (3) inches above the net wire. Total height of the fence shall be at least forty-two (42) inches.
- c) Corner posts shall be centered and/or braced in such a manner to keep tight at all times
- d) Standard steel, wood or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than sixteen (16) feet.
- e) All wire shall be stretched, by using a stretching device, before it is attached to the corner posts.

The reserve pit fencing will be on three (3) sides during drilling operations and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. **PLANS FOR RESTORATION OF SURFACE:**

a) **Producing Location**

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, material, trash and junk not required for production.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximated natural contours. Weather permitting, the reserve pit will be reclaimed within one hundred twenty (120) days from the date of well completion. Before any dirt work takes place, the reserve pit must have all fluids and hydrocarbons removed.

b) **Dry Hole Abandoned Location**

At such time as the well is plugged and abandoned, the operator shall submit a subsequent report of abandonment and the State of Utah will attach the appropriate surface rehabilitation conditions of approval.

11. **SURFACE OWNERSHIP:** State of Utah

12. **OTHER ADDITIONAL INFORMATION:**

- a) Newfield Production Company is responsible for informing all persons in the area who are associated with this project that they will be subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, Newfield is to immediately stop work that might further disturb such materials and contact the Authorized Officer.

- b) Newfield Production will control noxious weeds along rights-of-way for roads, pipelines, well sites or other applicable facilities. On State administered land it is required that a Pesticide Use Proposal shall be submitted and given approval prior to the application of herbicides or other possible hazardous chemicals.
- c) Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on State Lands after the conclusion of drilling operations or at any other time without State authorization. However, if State authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities.

Additional Surface Stipulations

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws and regulations, Onshore Oil and Gas Orders, the approved plan of operations and any applicable Notice to Lessees. A copy of these conditions will be furnished to the field representative to ensure compliance.

Hazardous Material Declaration

Newfield Production Company guarantees that during the drilling and completion of the Wells Draw State M-32-8-16, Newfield will not use, produce, store, transport or dispose 10,000# annually of any of the hazardous chemicals contained in the Environmental Protection Agency's consolidated list of chemicals subject to reporting under Title III Superfund Amendments and Reauthorization Act (SARA) of 1986. Newfield also guarantees that during the drilling and completion of the Wells Draw State M-32-8-16 Newfield will use, produce, store, transport or dispose less than the threshold planning quantity (T.P.Q.) of any extremely hazardous substances as defined in 40 CFR 355.

A complete copy of the approved APD, if applicable, shall be on location during the construction of the location and drilling activities.

Newfield Production Company or a contractor employed by Newfield Production shall contact the State office at (801) 722-3417, 48 hours prior to construction activities.

The State office shall be notified upon site completion prior to moving on the drilling rig.

13. LESSEE'S OR OPERATOR'S REPRESENTATIVE AND CERTIFICATION:

Representative

Name:	Shon McKinnon	Brad Mecham
Address:	Newfield Production Company Route 3, Box 3630 Myton, UT 84052	Newfield Production Company Route 3, Box 3630 Myton, UT 84052
Telephone:	(435) 646-3721	(435) 646-4811

Certification

Please be advised that Newfield Production Company is considered to be the operator of well #M-32-8-16, NW/SE Section 32, T8S, R16E, LEASE #ML-21836, Duchesne County, Utah and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Hartford Accident #4471291.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of the 18 U.S.C. 1001 for the filing of a false statement.

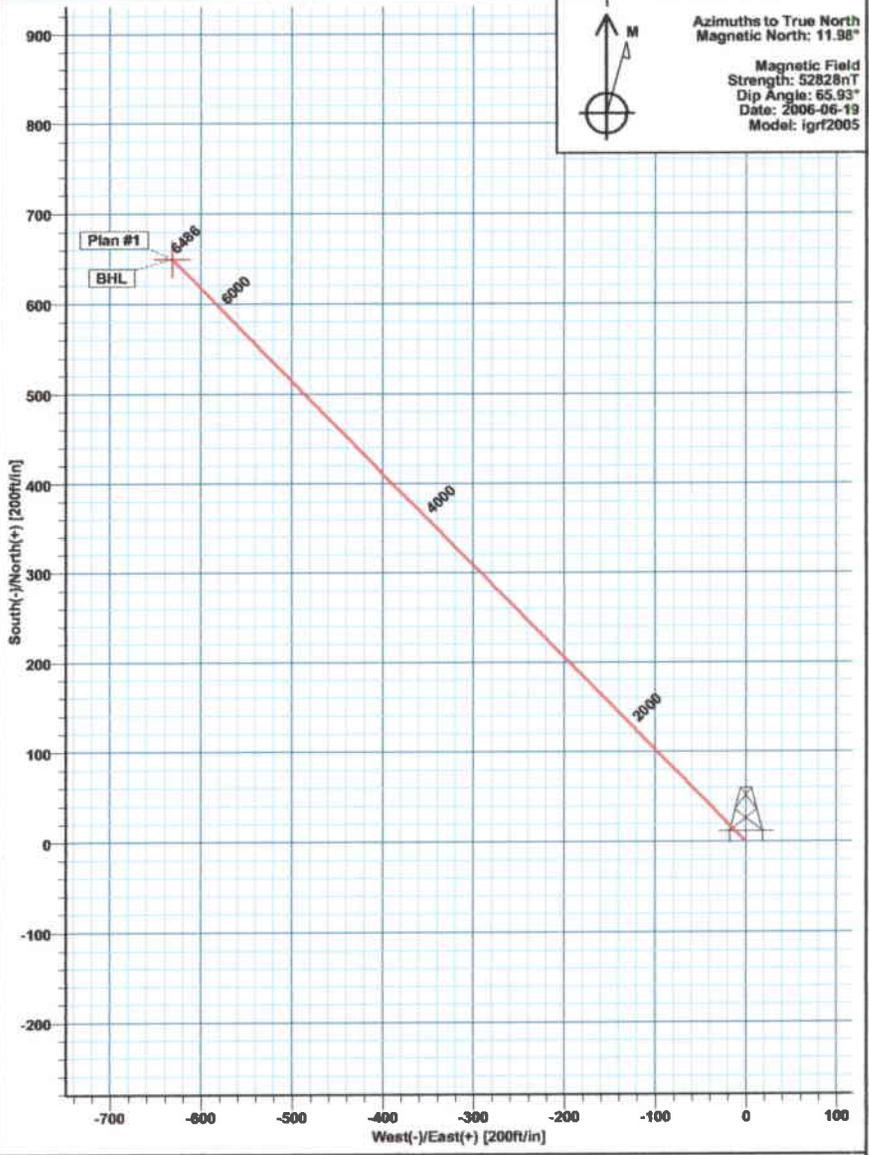
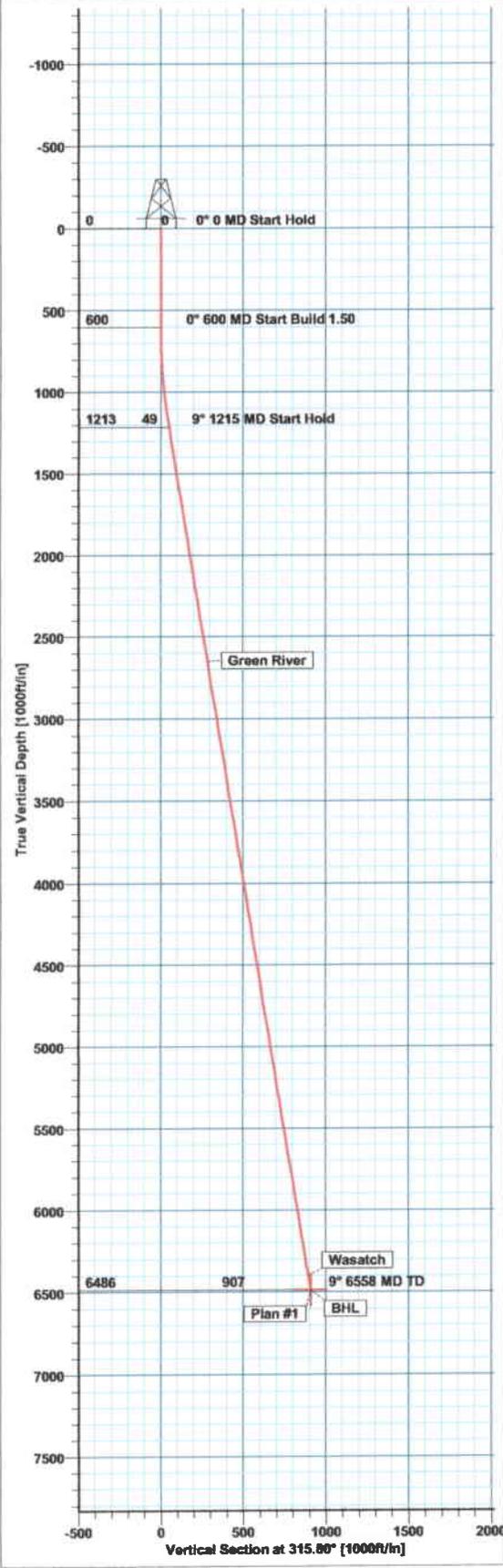
Date June 16, 2006



Mandie Crozier
Regulatory Specialist
Newfield Production Company



Azimuths to True North
Magnetic North: 11.98°
Magnetic Field Strength: 52828nT
Dip Angle: 65.93°
Date: 2006-06-19
Model: igr2005



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLag	TFace	VSec	Target
1	0.00	0.00	315.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	600.00	0.00	315.00	600.00	0.00	0.00	0.00	0.00	0.00	
3	1215.49	0.23	315.00	1212.83	35.48	-34.48	1.58	315.00	49.48	
4	6557.97	0.23	315.00	6486.00	650.00	-632.00	0.00	0.00	906.60	BHL

WELL DETAILS

Name	+N-S	+E-W	Northing	Easting	Latitude	Longitude	Slot
WD M-32-8-16	0.00	0.00	7198093.05	2020697.66	40°04'21.570N	110°08'27.740W	N/A

SITE DETAILS

Wells Draw M-32-8-16
Sec. 32 T8S R16E

Site Centre Latitude: 40°04'21.570N
Longitude: 110°08'27.740W

Ground Level: 5754.00
Positional Uncertainty: 0.00
Convergence: 0.67

Plan: Plan #1 (WD M-32-8-16/OH)

Created By: Julie Seaman Date: 2006-06-19

FIELD DETAILS

Duchesne County, UT

Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: CRS 1980
Zone: Utah, Central Zone
Magnetic Model: igr2005

System Datum: Mean Sea Level
Local North: True North



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.	Date: 2006-06-19	Time: 16:36:08	Page: 1
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: WD M-32-8-16, True North		
Site: Wells Draw M-32-8-16	Vertical (TVD) Reference: GL 5754' & RKB 12' 5766.0		
Well: WD M-32-8-16	Section (VS) Reference: Well (0.00N,0.00E,315.80Azi)		
Wellpath: OH	Plan: Plan #1		

Field: Duchesne County, UT

Map System: US State Plane Coordinate System 1983	Map Zone: Utah, Central Zone
Geo Datum: GRS 1980	Coordinate System: Well Centre
Sys Datum: Mean Sea Level	Geomagnetic Model: igr2005

Site: Wells Draw M-32-8-16
Sec. 32 T8S R16E

Site Position:	Northing: 7198093.05 ft	Latitude: 40 4 21.570 N
From: Geographic	Easting: 2020697.66 ft	Longitude: 110 8 27.740 W
Position Uncertainty: 0.00 ft		North Reference: True
Ground Level: 5754.00 ft		Grid Convergence: 0.87 deg

Well: WD M-32-8-16	Slot Name:
SHL: 1994' FSL, 2008' FEL	
Well Position: +N/-S 0.00 ft	Northing: 7198093.05 ft
+E/-W 0.00 ft	Easting: 2020697.66 ft
Position Uncertainty: 0.00 ft	Latitude: 40 4 21.570 N
	Longitude: 110 8 27.740 W

Wellpath: OH	Drilled From: Surface
Current Datum: GL 5754' & RKB 12'	Tie-on Depth: 0.00 ft
Magnetic Data: 2006-06-19	Above System Datum: Mean Sea Level
Field Strength: 52828 nT	Declination: 11.98 deg
Vertical Section: Depth From (TVD)	Mag Dip Angle: 65.93 deg
ft	+N/-S ft
	+E/-W ft
	Direction deg
6486.00	0.00
	0.00
	315.80

Plan: Plan #1	Date Composed: 2006-06-19
Principal: Yes	Version: 1
	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	315.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
600.00	0.00	315.80	600.00	0.00	0.00	0.00	0.00	0.00	0.00	
1215.49	9.23	315.80	1212.83	35.48	-34.49	1.50	1.50	0.00	315.80	
6557.87	9.23	315.80	6486.00	650.00	-632.00	0.00	0.00	0.00	0.00	BHL

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	315.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	315.80	100.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80
200.00	0.00	315.80	200.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80
300.00	0.00	315.80	300.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80
400.00	0.00	315.80	400.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80
500.00	0.00	315.80	500.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80
600.00	0.00	315.80	600.00	0.00	0.00	0.00	0.00	0.00	0.00	315.80

Section 2 : Start Build 1.50

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
700.00	1.50	315.80	699.99	0.94	-0.91	1.31	1.50	1.50	0.00	0.00
800.00	3.00	315.80	799.91	3.75	-3.65	5.23	1.50	1.50	0.00	0.00
900.00	4.50	315.80	899.69	8.44	-8.21	11.77	1.50	1.50	0.00	0.00
1000.00	6.00	315.80	999.27	15.00	-14.59	20.92	1.50	1.50	0.00	0.00
1100.00	7.50	315.80	1098.57	23.43	-22.78	32.68	1.50	1.50	0.00	0.00
1200.00	9.00	315.80	1197.54	33.72	-32.78	47.03	1.50	1.50	0.00	0.00
1215.49	9.23	315.80	1212.83	35.48	-34.49	49.48	1.50	1.50	0.00	0.00



Scientific Drilling International

Planning Report

Company: Newfield Exploration Co.	Date: 2006-06-19	Time: 16:36:08	Page: 3
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: WD M-32-8-16, True North		
Site: Wells Draw M-32-8-16	Vertical (TVD) Reference: GL 5754' & RKB 12' 5766.0		
Well: WD M-32-8-16	Section (VS) Reference: Well (0.00N,0.00E,315.80Azi)		
Wellpath: OH	Plan: Plan #1		

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
300.00	0.00	315.80	300.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
400.00	0.00	315.80	400.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
500.00	0.00	315.80	500.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
600.00	0.00	315.80	600.00	0.00	0.00	0.00	0.00	0.00	0.00	MWD
700.00	1.50	315.80	699.99	0.94	-0.91	1.31	1.50	1.50	0.00	MWD
800.00	3.00	315.80	799.91	3.75	-3.65	5.23	1.50	1.50	0.00	MWD
900.00	4.50	315.80	899.69	8.44	-8.21	11.77	1.50	1.50	0.00	MWD
1000.00	6.00	315.80	999.27	15.00	-14.59	20.92	1.50	1.50	0.00	MWD
1100.00	7.50	315.80	1098.57	23.43	-22.78	32.68	1.50	1.50	0.00	MWD
1200.00	9.00	315.80	1197.54	33.72	-32.78	47.03	1.50	1.50	0.00	MWD
1215.49	9.23	315.80	1212.83	35.48	-34.49	49.48	1.50	1.50	0.00	MWD
1300.00	9.23	315.80	1296.25	45.20	-43.95	63.04	0.00	0.00	0.00	MWD
1400.00	9.23	315.80	1394.95	56.70	-55.13	79.08	0.00	0.00	0.00	MWD
1500.00	9.23	315.80	1493.65	68.20	-66.31	95.13	0.00	0.00	0.00	MWD
1600.00	9.23	315.80	1592.36	79.71	-77.50	111.17	0.00	0.00	0.00	MWD
1700.00	9.23	315.80	1691.06	91.21	-88.68	127.21	0.00	0.00	0.00	MWD
1800.00	9.23	315.80	1789.77	102.71	-99.87	143.26	0.00	0.00	0.00	MWD
1900.00	9.23	315.80	1888.47	114.21	-111.05	159.30	0.00	0.00	0.00	MWD
2000.00	9.23	315.80	1987.18	125.72	-122.24	175.35	0.00	0.00	0.00	MWD
2100.00	9.23	315.80	2085.88	137.22	-133.42	191.39	0.00	0.00	0.00	MWD
2200.00	9.23	315.80	2184.59	148.72	-144.60	207.43	0.00	0.00	0.00	MWD
2300.00	9.23	315.80	2283.29	160.23	-155.79	223.48	0.00	0.00	0.00	MWD
2400.00	9.23	315.80	2382.00	171.73	-166.97	239.52	0.00	0.00	0.00	MWD
2500.00	9.23	315.80	2480.70	183.23	-178.16	255.57	0.00	0.00	0.00	MWD
2600.00	9.23	315.80	2579.40	194.73	-189.34	271.61	0.00	0.00	0.00	MWD
2672.53	9.23	315.80	2651.00	203.08	-197.45	283.25	0.00	0.00	0.00	Green River
2700.00	9.23	315.80	2678.11	206.24	-200.53	287.65	0.00	0.00	0.00	MWD
2800.00	9.23	315.80	2776.81	217.74	-211.71	303.70	0.00	0.00	0.00	MWD
2900.00	9.23	315.80	2875.52	229.24	-222.89	319.74	0.00	0.00	0.00	MWD
3000.00	9.23	315.80	2974.22	240.75	-234.08	335.78	0.00	0.00	0.00	MWD
3100.00	9.23	315.80	3072.93	252.25	-245.26	351.83	0.00	0.00	0.00	MWD
3200.00	9.23	315.80	3171.63	263.75	-256.45	367.87	0.00	0.00	0.00	MWD
3300.00	9.23	315.80	3270.34	275.25	-267.63	383.92	0.00	0.00	0.00	MWD
3400.00	9.23	315.80	3369.04	286.76	-278.82	399.96	0.00	0.00	0.00	MWD
3500.00	9.23	315.80	3467.75	298.26	-290.00	416.00	0.00	0.00	0.00	MWD
3600.00	9.23	315.80	3566.45	309.76	-301.18	432.05	0.00	0.00	0.00	MWD
3700.00	9.23	315.80	3665.16	321.26	-312.37	448.09	0.00	0.00	0.00	MWD
3800.00	9.23	315.80	3763.86	332.77	-323.55	464.13	0.00	0.00	0.00	MWD
3900.00	9.23	315.80	3862.56	344.27	-334.74	480.18	0.00	0.00	0.00	MWD
4000.00	9.23	315.80	3961.27	355.77	-345.92	496.22	0.00	0.00	0.00	MWD
4100.00	9.23	315.80	4059.97	367.28	-357.11	512.27	0.00	0.00	0.00	MWD
4200.00	9.23	315.80	4158.68	378.78	-368.29	528.31	0.00	0.00	0.00	MWD
4300.00	9.23	315.80	4257.38	390.28	-379.47	544.35	0.00	0.00	0.00	MWD
4400.00	9.23	315.80	4356.09	401.78	-390.66	560.40	0.00	0.00	0.00	MWD
4500.00	9.23	315.80	4454.79	413.29	-401.84	576.44	0.00	0.00	0.00	MWD
4600.00	9.23	315.80	4553.50	424.79	-413.03	592.48	0.00	0.00	0.00	MWD
4700.00	9.23	315.80	4652.20	436.29	-424.21	608.53	0.00	0.00	0.00	MWD
4800.00	9.23	315.80	4750.91	447.80	-435.40	624.57	0.00	0.00	0.00	MWD
4900.00	9.23	315.80	4849.61	459.30	-446.58	640.62	0.00	0.00	0.00	MWD
5000.00	9.23	315.80	4948.32	470.80	-457.76	656.66	0.00	0.00	0.00	MWD
5100.00	9.23	315.80	5047.02	482.30	-468.95	672.70	0.00	0.00	0.00	MWD
5200.00	9.23	315.80	5145.72	493.81	-480.13	688.75	0.00	0.00	0.00	MWD
5300.00	9.23	315.80	5244.43	505.31	-491.32	704.79	0.00	0.00	0.00	MWD



Scientific Drilling International Planning Report

Company: Newfield Exploration Co.	Date: 2006-06-19	Time: 16:36:08	Page: 4
Field: Duchesne County, UT	Co-ordinate(NE) Reference: Well: WD M-32-8-16, True North		
Site: Wells Draw M-32-8-16	Vertical (TVD) Reference: GL 5754' & RKB 12' 5766.0		
Well: WD M-32-8-16	Section (VS) Reference: Well (0.00N,0.00E,315.80Azi)		
Wellpath: OH	Plan:	Plan #1	

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Bu&ld deg/100ft	Turn deg/100ft	Tool/Comment
5400.00	9.23	315.80	5343.13	516.81	-502.50	720.83	0.00	0.00	0.00	MWD
5500.00	9.23	315.80	5441.84	528.32	-513.69	736.88	0.00	0.00	0.00	MWD
5600.00	9.23	315.80	5540.54	539.82	-524.87	752.92	0.00	0.00	0.00	MWD
5700.00	9.23	315.80	5639.25	551.32	-536.05	768.97	0.00	0.00	0.00	MWD
5800.00	9.23	315.80	5737.95	562.82	-547.24	785.01	0.00	0.00	0.00	MWD
5900.00	9.23	315.80	5836.66	574.33	-558.42	801.05	0.00	0.00	0.00	MWD
6000.00	9.23	315.80	5935.36	585.83	-569.61	817.10	0.00	0.00	0.00	MWD
6100.00	9.23	315.80	6034.07	597.33	-580.79	833.14	0.00	0.00	0.00	MWD
6200.00	9.23	315.80	6132.77	608.84	-591.98	849.19	0.00	0.00	0.00	MWD
6300.00	9.23	315.80	6231.47	620.34	-603.16	865.23	0.00	0.00	0.00	MWD
6400.00	9.23	315.80	6330.18	631.84	-614.34	881.27	0.00	0.00	0.00	MWD
6471.75	9.23	315.80	6401.00	640.09	-622.37	892.78	0.00	0.00	0.00	Wasatch
6500.00	9.23	315.80	6428.88	643.34	-625.53	897.32	0.00	0.00	0.00	MWD
6557.87	9.23	315.80	6486.00	650.00	-632.00	906.60	0.00	0.00	0.00	BHL

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →				
							Deg	Min	Sec	Deg	Min	Sec		
BHL		6486.00	650.00	-632.00	7198733.38	2020055.85	40	4	27.994	N	110	8	35.871	W
-Plan hit target														

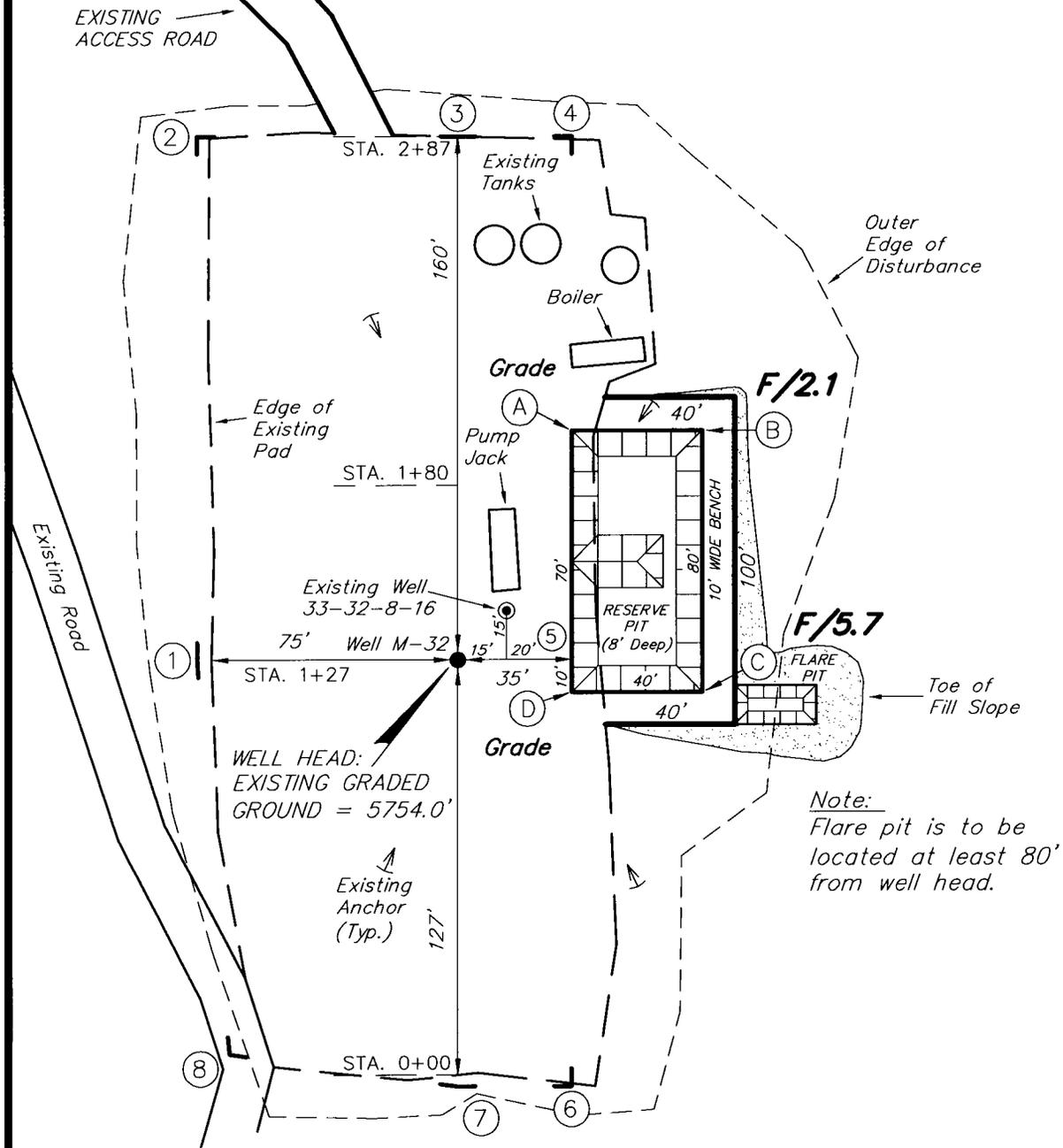
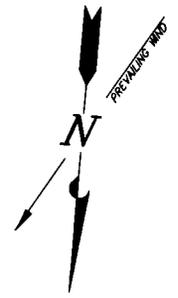
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
2672.53	2651.00	Green River		0.00	0.00
6471.75	6401.00	Wasatch		0.00	0.00

NEWFIELD PRODUCTION COMPANY

WELLS DRAW 33-32-8-16 (M-32)

Section 32, T8S, R16E, S.L.B.&M.



SURVEYED BY: C.M.
DRAWN BY: F.T.M.

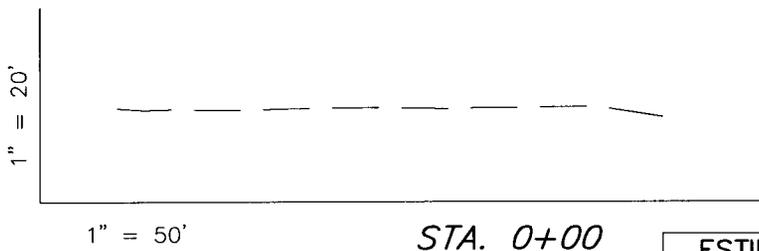
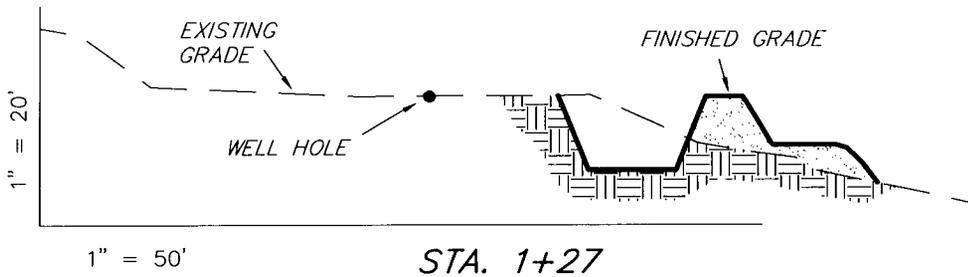
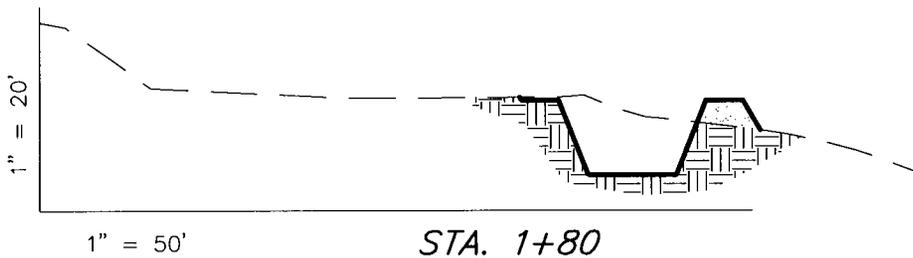
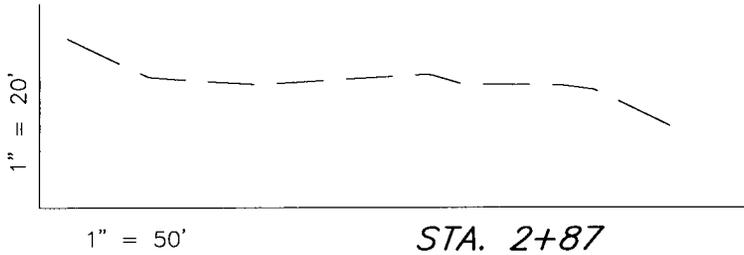
SCALE: 1" = 50'
DATE: 05-24-06

Tri State Land Surveying, Inc. (435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

WELLS DRAW 33-32-8-16 (M-32)



ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	-140	460	Topsoil is not included in Pad Cut	-600
PIT	640	0		640
TOTALS	500	460	890	40

NOTE:
UNLESS OTHERWISE NOTED
ALL CUT/FILL SLOPES ARE
AT 1.5:1

SURVEYED BY: C.M.

SCALE: 1" = 50'

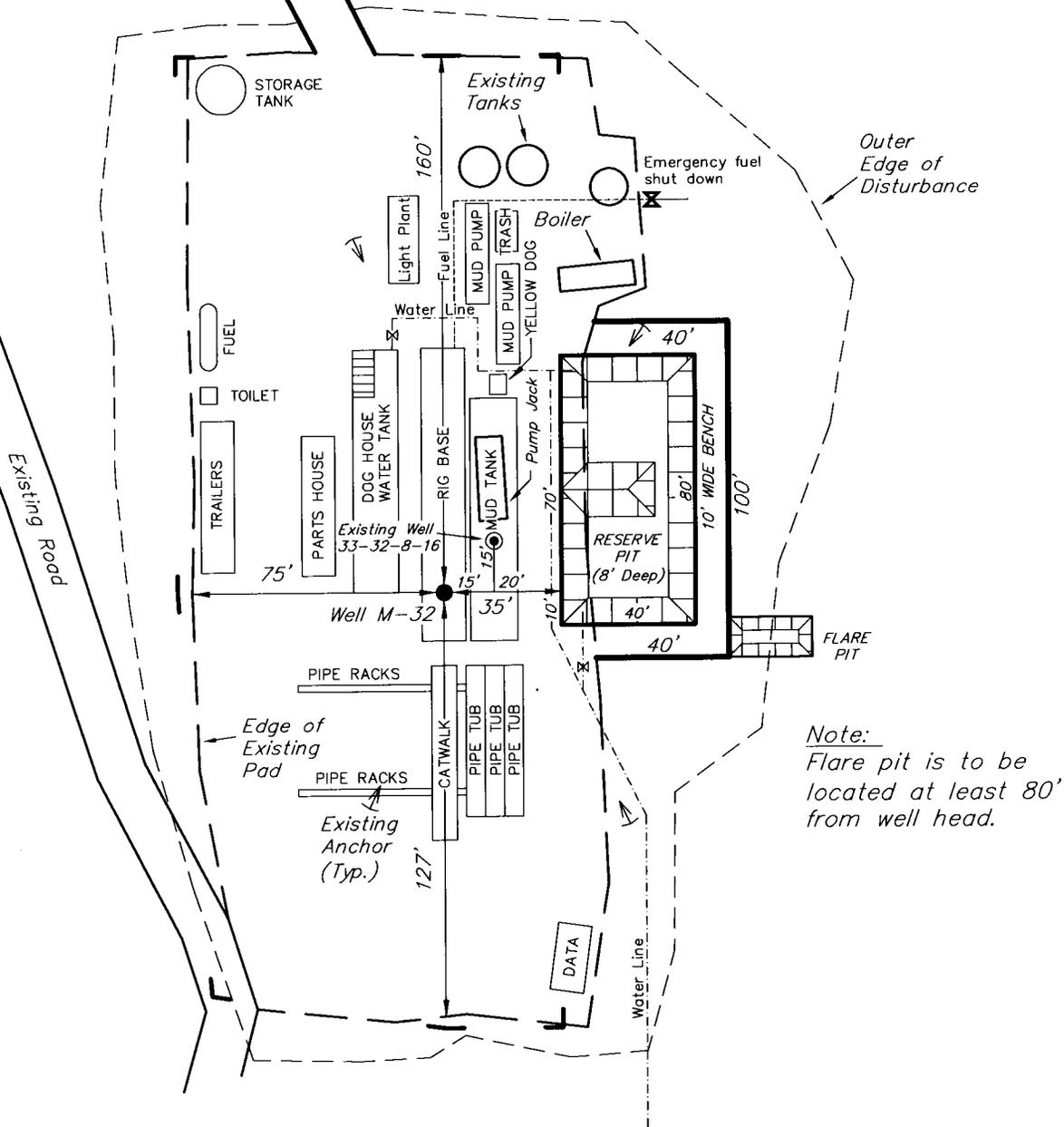
DRAWN BY: F.T.M.

DATE: 05-24-06

Tri State
Land Surveying, Inc.
(435) 781-2501
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY
TYPICAL RIG LAYOUT
WELLS DRAW 33-32-8-16 (M-32)

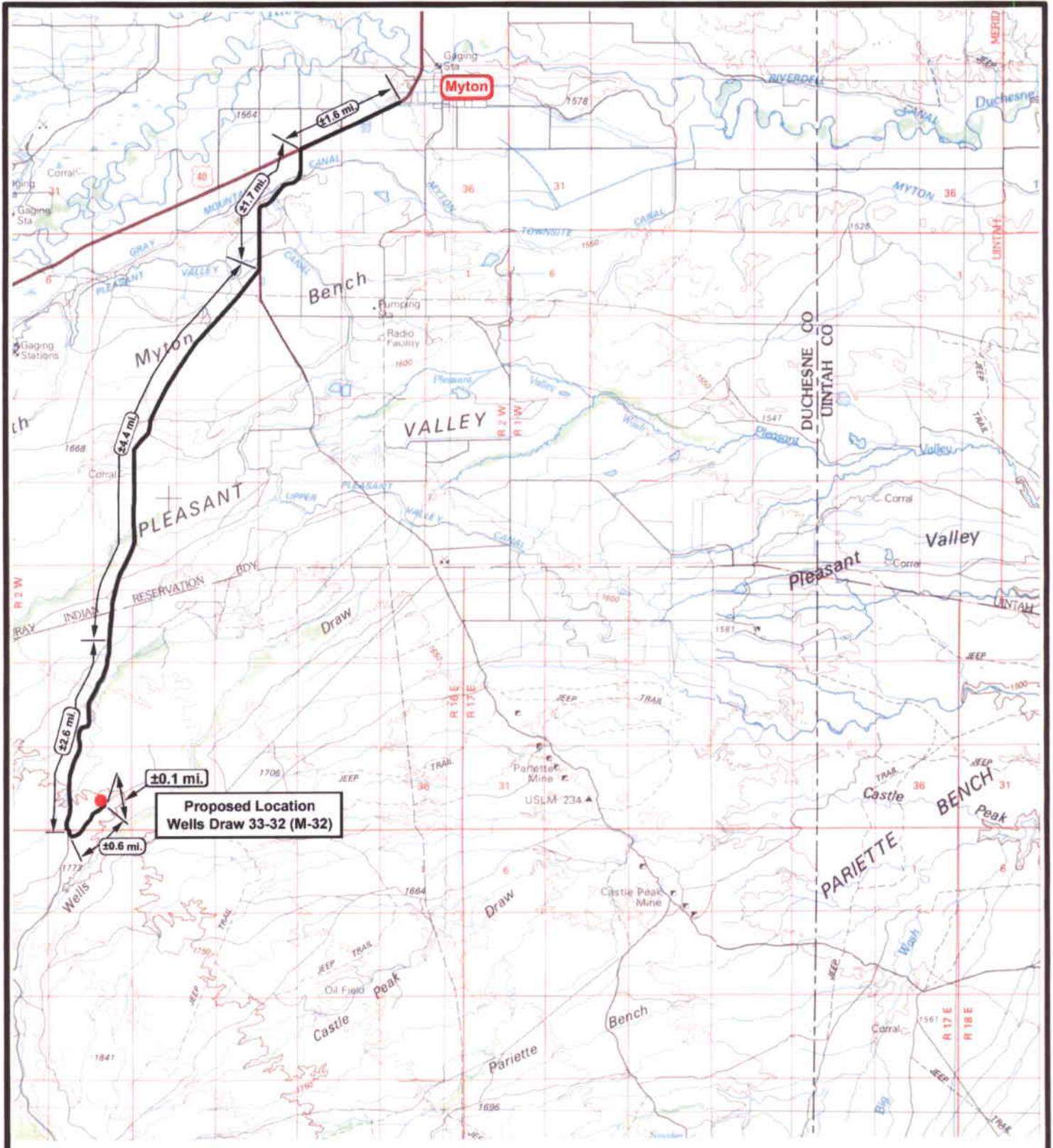
EXISTING ACCESS ROAD



Note:
 Flare pit is to be located at least 80' from well head.

SURVEYED BY: C.M.	SCALE: 1" = 50'
DRAWN BY: F.T.M.	DATE: 05-24-06

Tri State (435) 781-2501
 Land Surveying, Inc.
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078




NEWFIELD
Exploration Company

Wells Draw 33-32-8-16 (M-32)
SEC. 32, T8S, R16E, S.L.B.&M.



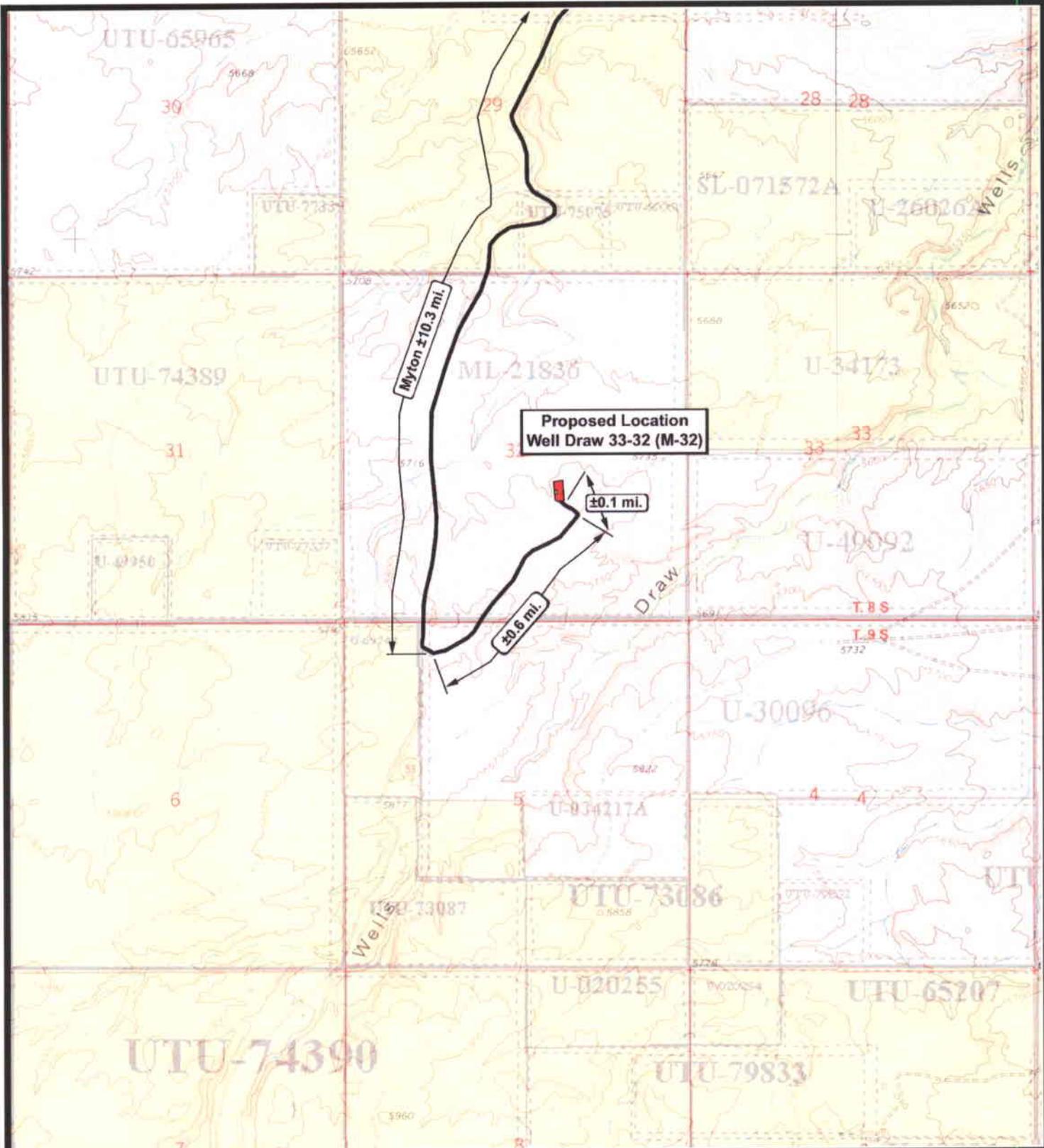

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 : 100,000
DRAWN BY: mw
DATE: 05-25-2006

Legend

 Existing Road

TOPOGRAPHIC MAP
"A"




NEWFIELD
Exploration Company

Wells Draw 33-32-8-16 (M-32)
SEC. 32, T8S, R16E, S.L.B.&M.



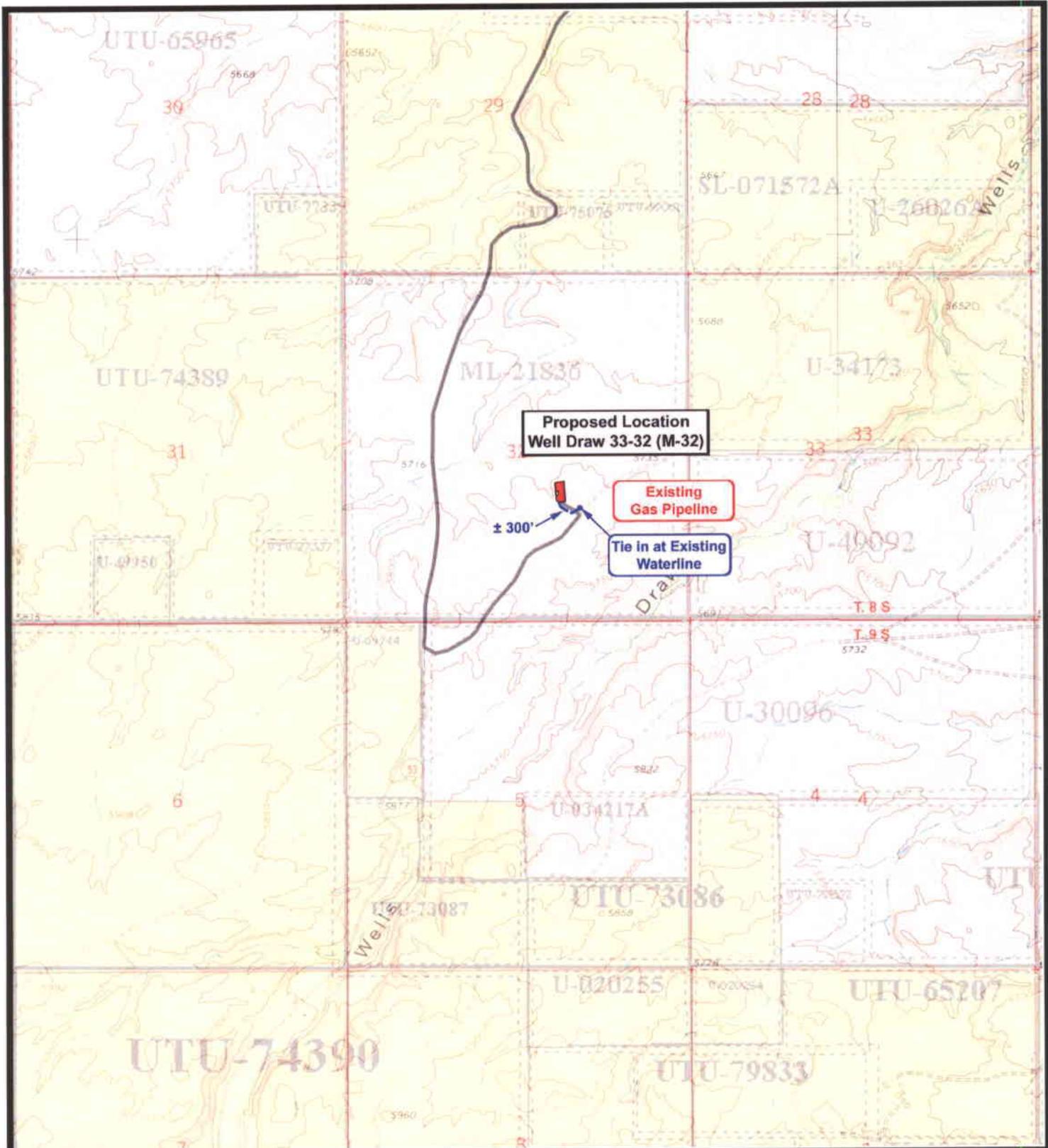

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

 Existing Road

TOPOGRAPHIC MAP
"B"




NEWFIELD
Exploration Company

Wells Draw 33-32-8-16 (M-32)
SEC. 32, T8S, R16E, S.L.B.&M.



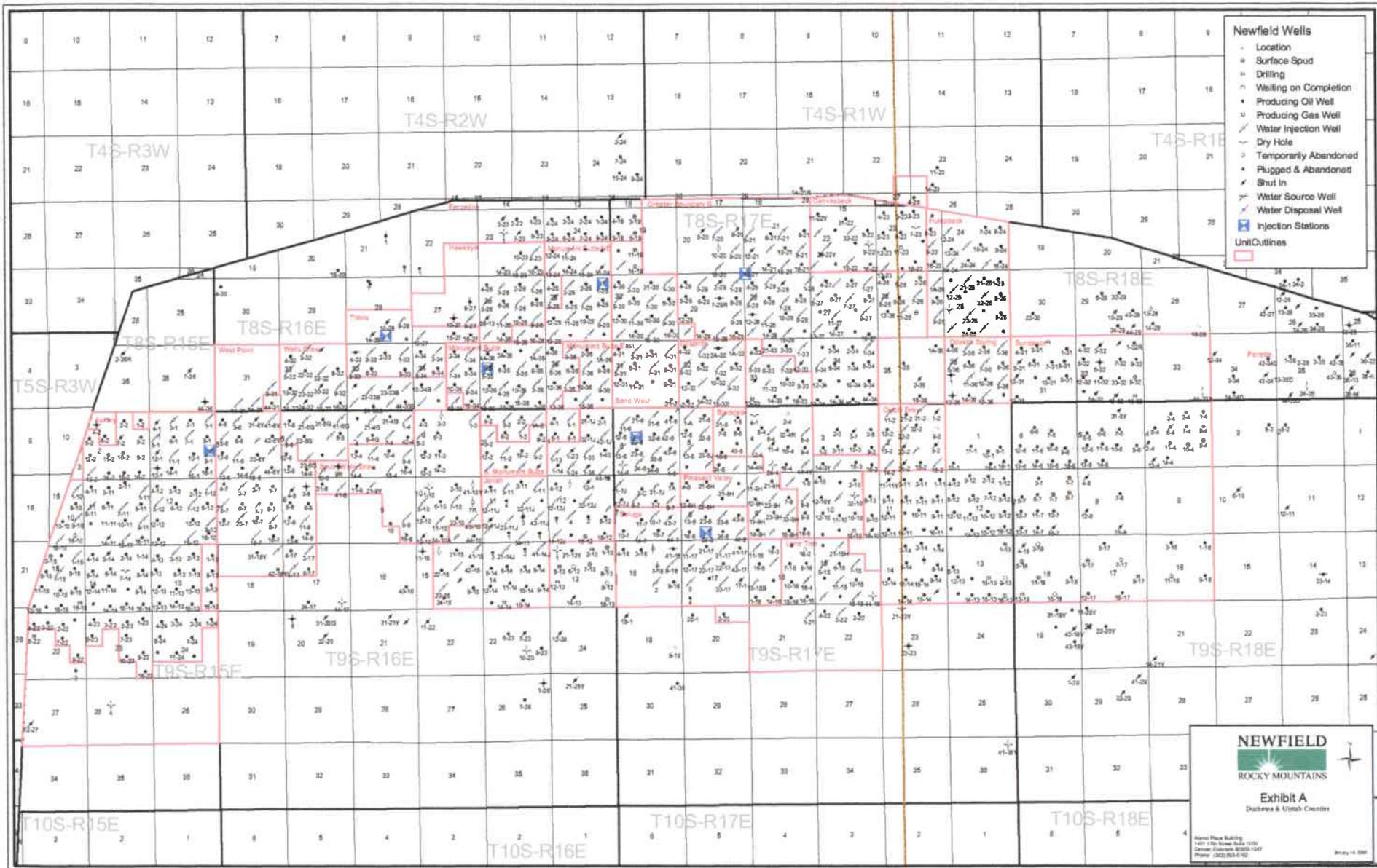

Tri-State
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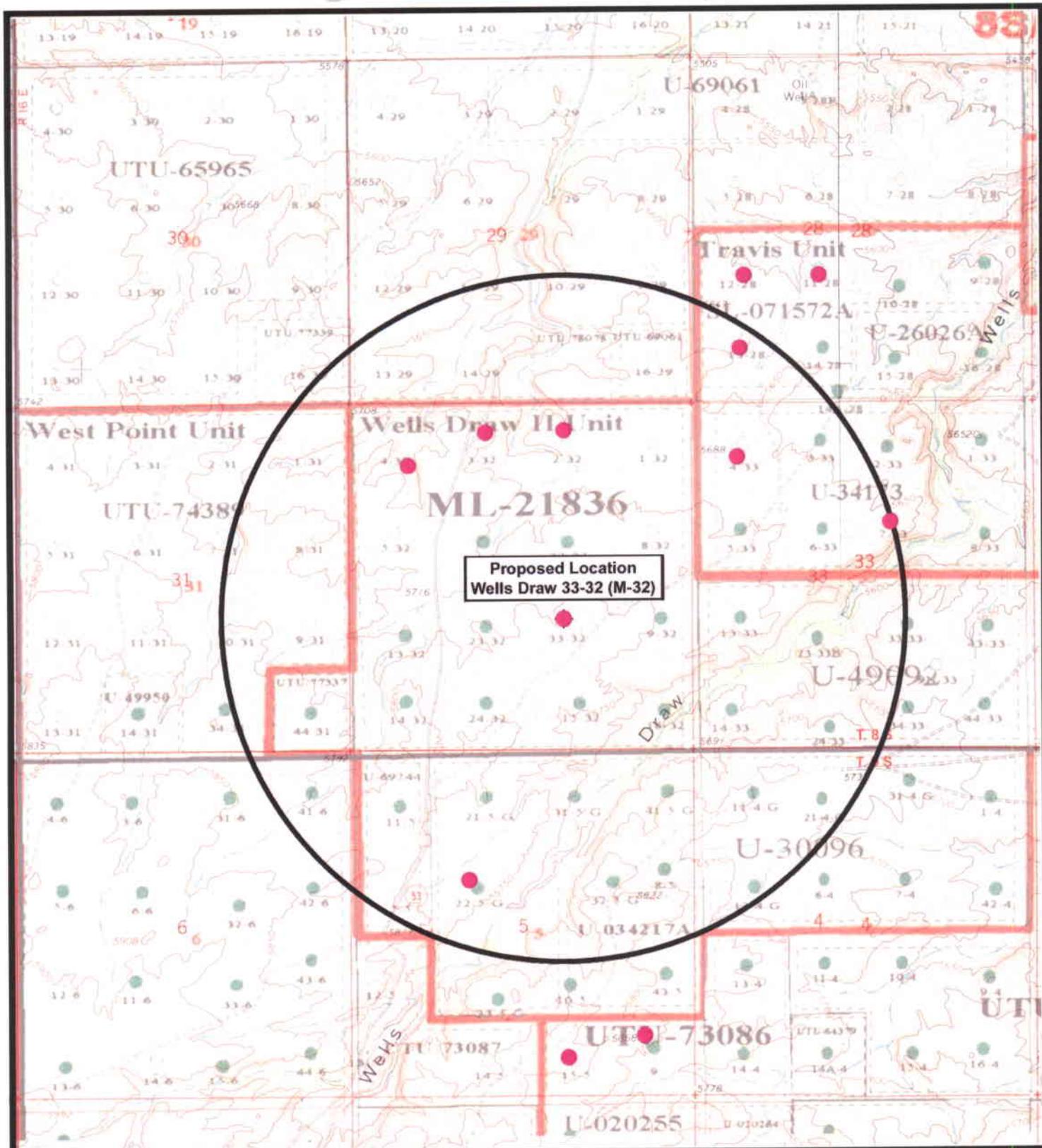
SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

-  Roads
-  Proposed Water Line

TOPOGRAPHIC MAP
"C"





**Proposed Location
Wells Draw 33-32 (M-32)**

NEWFIELD
Exploration Company

**Wells Draw 33-32-8-16 (M-32)
SEC. 32, T8S, R16E, S.L.B.&M.**



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 05-25-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

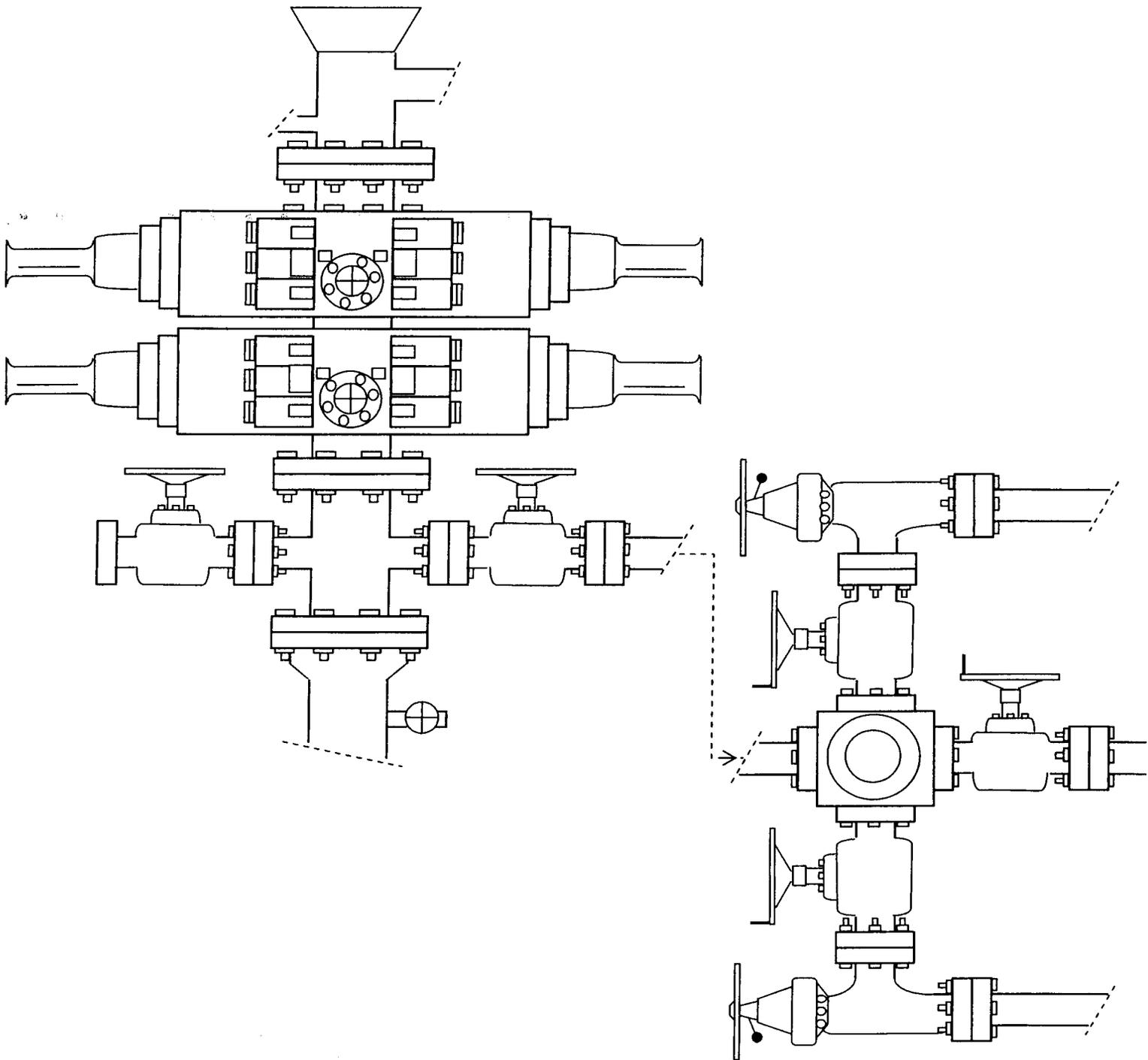


EXHIBIT C

**WORKSHEET
APPLICATION FOR PERMIT TO DRILL**

APD RECEIVED: 06/23/2006

API NO. ASSIGNED: 43-013-33222

WELL NAME: WELLS DRAW ST M-32-8-16
 OPERATOR: NEWFIELD PRODUCTION (N2695)
 CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NWSE 32 080S 160E
 SURFACE: 1994 FSL 2008 FEL
 BOTTOM: 2644 FSL 2640 FEL
 COUNTY: DUCHESNE
 LATITUDE: 40.07268 LONGITUDE: -110.1403
 UTM SURF EASTINGS: 573305 NORTHINGS: 4435968
 FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /		
Tech Review	Initials	Date
Engineering	DKD	7/28/06
Geology		
Surface		

LEASE TYPE: 3 - State
 LEASE NUMBER: ML-21836
 SURFACE OWNER: 3 - State

PROPOSED FORMATION: GRRV
 COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

Plat

Bond: Fed[] Ind[] Sta[] Fee[]
 (No. B001834)

Potash (Y/N)

Oil Shale 190-5 (B) or 190-3 or 190-13

Water Permit
 (No. MUNICIPAL)

RDCC Review (Y/N)
 (Date:)

Fee Surf Agreement (Y/N)

Intent to Commingle (Y/N)

LOCATION AND SITING:

___ R649-2-3.

Unit: WELLS DRAW (GREEN RIVER)

___ R649-3-2. General
 Siting: 460 From Qtr/Qtr & 920' Between Wells

___ R649-3-3. Exception

Drilling Unit
 Board Cause No: 231-3
 Eff Date: 3-24-1999
 Siting: Suspends General Siting

R649-3-11. Directional Drill

COMMENTS: Needs Permit (07-13-06)

STIPULATIONS: 1- STATEMENT OF BASIS

T8S R16E

WELLS DRAW
3-32-8-16 △

WELLS DRAW
2-32-8-16 ●

WELLS DRAW
4-32-8-16 ●

MONUMENT BUTTE FIELD
WELLS DRAW (GR) UNIT
CAUSE: 231-3 / 3-24-1999

WELLS DRAW
5-32-8-16 △

GAVILAN ST
22-32 ●

STATE 32-32
△

WELLS DRAW
8-32-8-16 ●

BHL
M-32-8-16
32

STATE 23-32
△

WELLS DRAW ST
M-32-8-16
STATE 33-32

WELLS DRAW
9-32-8-16 △

STATE 13-32
●

STATE 14-32
△

STATE 24-32
●

WELLS DRAW
15-32-8-16 △

WELLS DRAW
16-32-8-16 ●

T9S R16E

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 32 T. 8S R. 16E

FIELD: MONUMENT BUTTE (105)

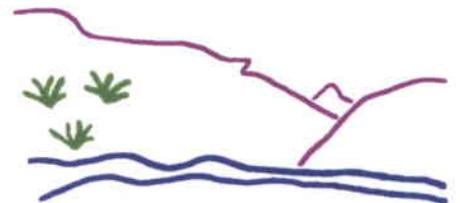
COUNTY: DUCHESNE

CAUSE: 231-3 / 3-24-1999

Field Status	
	ABANDONED
	ACTIVE
	COMBINED
	INACTIVE
	PROPOSED
	STORAGE
	TERMINATED

Unit Status	
	EXPLORATORY
	GAS STORAGE
	NF PP OIL
	NF SECONDARY
	PENDING
	PI OIL
	PP GAS
	PP GEOTHERML
	PP OIL
	SECONDARY
	TERMINATED

Wells Status	
	GAS INJECTION
	GAS STORAGE
	LOCATION ABANDONED
	NEW LOCATION
	PLUGGED & ABANDONED
	PRODUCING GAS
	PRODUCING OIL
	SHUT-IN GAS
	SHUT-IN OIL
	TEMP. ABANDONED
	TEST WELL
	WATER INJECTION
	WATER SUPPLY
	WATER DISPOSAL
	DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 14-JULY-2006

**DIVISION OF OIL, GAS AND MINING
APPLICATION FOR PERMIT TO DRILL
STATEMENT OF BASIS**

OPERATOR: New Field Production Company
WELL NAME & NUMBER: Wells Draw State #M-32-8-16
API NUMBER: 43-013-33222
LOCATION: 1/4,1/4 NW/SE Sec: 32 TWP: 08 RNG: 16E 1994 FSL 2008 FEL

Geology/Ground Water:

Newfield proposes to set 290' of surface casing at this location. The depth to the base of the moderately saline water at this location is estimated to be at a depth of 750'. A search of Division of Water Rights records shows one water well within a 10,000 foot radius of the proposed location. No depth is listed for this well. It is owned by Newfield and used for a water supply well for the enhanced recovery project. The surface formation at this site is the Uinta Formation. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The proposed casing and cement program should adequately protect any useable ground water and nearby wells.

Reviewer: Brad Hill **Date:** 01/18/06

Surface:

Richard Powell did schedule this presite with Newfield and was therefore the person who contacted SITLA and UDWR regarding the meeting date and time. SITLA did not attend, as this well is staked on an existing location with the new disturbance located in previously disturbed lands. Newfield plans to re-open the same reserve pit area that was utilized to drill the 33-32-8-16 well. The operator has requested they be allowed to drill without a pit liner under the Methods of Handling Waste Disposal Plan. As stated, if insufficient fine clay or silt is not present, or if water is encountered during the surface hole drilling they should line the pit. Furthermore, the west side of the pit does have a portion of the berm in fill. The operator shall take any preventative actions to prevent any leaks from this pits and assure stability. This is a directional well with the bottom hole location set for SE, 2644' FSL; 2640' FEL on twenty acre spacing. There were no other issues noted during the presite meeting.

Reviewer: Dennis L Ingram **Date:** July 13, 2006

Conditions of Approval/Application for Permit to Drill:

None.

ON-SITE PREDRILL EVALUATION
Division of Oil, Gas and Mining

OPERATOR: Newfield Production Company
WELL NAME & NUMBER: Wells Draw State #M-32-8-16
API NUMBER: 43-013-33222
LEASE: ML-21836 STATE **FIELD/UNIT:** MONUMENT BUTTE
LOCATION: 1/4,1/4 NW/SE **Sec:** 32 **TWP:** 08S **RNG:** 16E 1994 **FSL** 2640 **FEL**
LEGAL WELL SITING: General siting suspended.
GPS COORD (UTM): X =0573308 E; Y =4435969 N **SURFACE OWNER:** SITLA

PARTICIPANTS

Dennis L. Ingram (DOGM) Ben Williams (UDWR) Shon Mckinnon (Newfield)

REGIONAL/LOCAL SETTING & TOPOGRAPHY

Location access is the Wells Draw Road 1.6 miles southwest of Myton, Utah off US Highway 40, then 1.7 miles south on Highway 53, then south down the Wells Draw Road for another 7.0 miles and turn northeast on the bench just north of Wells Draw. Wells Draw is located 0.3 miles to the south, and drains this region in a northeasterly fashion toward Pleasant Valley Wash. The surface area is a broad bench that continues to dip north into a basin or tabletop region.

SURFACE USE PLAN

CURRENT SURFACE USE: Drilled from existing well pad 33-32-8-16

PROPOSED SURFACE DISTURBANCE: _____

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: There are 35 oil or injector wells within a one mile radius

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: Existing site, add pump jack and short flowline but utilize same treater and tanks

SOURCE OF CONSTRUCTION MATERIAL: Native cut and fill

ANCILLARY FACILITIES: None requested

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? (EXPLAIN): NO

WASTE MANAGEMENT PLAN:

Submitted to the Division on the Ten & Thirteen Point well Program with the Application to Drill

ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA: Lowland desert, shad scale vegetation community; Critical

antelope habitat, smaller mammals such as coyote, rabbit and birds of prey native to region.

SOIL TYPE AND CHARACTERISTICS: Tan fine grained sand with some clay present

SURFACE FORMATION & CHARACTERISTICS: Uinta Formation

EROSION/SEDIMENTATION/STABILITY: existing location, little or no new erosion problems or sedimentation, no stability problems.

PALEONTOLOGICAL POTENTIAL: None observe, little to no new disturbance.

RESERVE PIT

CHARACTERISTICS: Proposed on the west side of location and dug from same old reserve pit measuring 90'x 40'x 8' deep

LINER REQUIREMENTS (Site Ranking Form attached): 15 points, construct in old pit, no blasting, doubtful any ground water, liner is optional

SURFACE RESTORATION/RECLAMATION PLAN

Reshape, contour and seed surface unless otherwise authorized by SITLA

SURFACE AGREEMENT: Yes

CULTURAL RESOURCES/ARCHAEOLOGY: Previously done, no new disturbance

OTHER OBSERVATIONS/COMMENTS

Existing location, same access road, new disturbance in reclamation area only, Wells Draw located 0.3 miles southeast of location, no surface water in the area, may have ground water along Wells Draw.

ATTACHMENTS

Photos of this location were taken and placed on file.

Dennis L. Ingram
DOGM REPRESENTATIVE

July 13, 2006 09:00 AM
DATE/TIME

**Valuation Ranking Criteria and Ranking Core
For Reserve and Onsite Pit Liner Requirements**

<u>Site-Specific Factors</u>	<u>Ranking</u>	<u>Site Ranking</u>
Distance to Groundwater (feet)		
>200	0	
100 to 200	5	
75 to 100	10	
25 to 75	15	
<25 or recharge area	20	<u>0</u>
Distance to Surf. Water (feet)		
>1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200	15	
< 100	20	<u>0</u>
Distance to Nearest Municipal Well (feet)		
>5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	<u>0</u>
Distance to Other Wells (feet)		
>1320	0	
300 to 1320	10	
<300	20	<u>0</u>
Native Soil Type		
Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water	5	
TDS >5000 and <10000	10	
TDS >10000 or Oil Base Mud Fluid	15	
containing significant levels of hazardous constituents	20	<u>5</u>
Drill Cuttings		
Normal Rock	0	
Salt or detrimental	10	<u>0</u>
Annual Precipitation (inches)		
<10	0	
10 to 20	5	
>20	10	<u>0</u>
Affected Populations		
<10	0	
10 to 30	6	
30 to 50	8	
>50	10	<u>0</u>
Presence of Nearby Utility Conduits		
Not Present	0	
Unknown	10	
Present	15	<u>0</u>

Final Score 15 (Level II Sensitivity)

Sensitivity Level I = 20 or more; total containment is required, consider criteria for excluding pit use.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

7-06 Newfield Wells Draw S. M-32-8-16

Casing Schematic

Uceta

Surface

8-5/8"
MW 8.4
Frac 19.3

TOC @ 0.
TOC @ 0.
Surface
290. MD
290. TVD

✓ w/ 12% Washcoat

BHP

$$(.052)(8.6)(6485) = 2900$$

Anticipate 2,000

Gas

$$(.10)(6485) = 778$$

MASP = 2122

Fluid

$$(.22)(6485) = 1426$$

MASP = 1474

BOPE - 2M

Surf csg - 2950, 70% = 2065

Max pressure @ Surf csg shoe = 1538

Test to 1538# ✓

✓ Adequate DLD 7/29/06

750 Bmsw

1700 Green River

3715
Toe Tail

✓ w/ 11% Washcoat

5-1/2"
MW 8.6

Production
6557. MD
6485. TVD

Well name:	07-06 Newfield Wells Draw St M-32-8-16		
Operator:	Newfield Production Company		Project ID:
String type:	Surface		43-013-33222
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.400 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 79 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 290 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 255 psi
 Internal gradient: 0.120 psi/ft
 Calculated BHP 290 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Tension is based on buoyed weight.
 Neutral point: 253 ft

Non-directional string.

Re subsequent strings:

Next setting depth: 6,485 ft
 Next mud weight: 8.600 ppg
 Next setting BHP: 2,897 psi
 Fracture mud wt: 19.250 ppg
 Fracture depth: 290 ft
 Injection pressure 290 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft ³)
1	290	8.625	24.00	J-55	ST&C	290	290	7.972	14
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	127	1370	10.826	290	2950	10.17	6	244	40.12 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 801-359-3940

Date: July 26, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 290 ft, a mud weight of 8.4 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Engineering responsibility for use of this design will be that of the purchaser.

Well name:	07-06 Newfield Wells Draw St M-32-8-16		
Operator:	Newfield Production Company		
String type:	Production	Project ID:	43-013-33222
Location:	Duchesne County		

Design parameters:

Collapse

Mud weight: 8.600 ppg
 Design is based on evacuated pipe.

Minimum design factors:

Collapse:

Design factor 1.125

Burst:

Design factor 1.00

Environment:

H2S considered? No
 Surface temperature: 75 °F
 Bottom hole temperature: 166 °F
 Temperature gradient: 1.40 °F/100ft
 Minimum section length: 1,500 ft

Cement top: Surface

Burst

Max anticipated surface pressure: 651 psi
 Internal gradient: 0.346 psi/ft
 Calculated BHP 2,897 psi

No backup mud specified.

Tension:

8 Round STC: 1.80 (J)
 8 Round LTC: 1.80 (J)
 Buttress: 1.60 (J)
 Premium: 1.50 (J)
 Body yield: 1.50 (B)

Directional well information:

Kick-off point 0 ft
 Departure at shoe: 906 ft
 Maximum dogleg: 1.5 °/100ft
 Inclination at shoe: 9.23 °

Tension is based on buoyed weight.
 Neutral point: 5,702 ft

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Internal Capacity (ft³)
1	6557	5.5	15.50	J-55	LT&C	6485	6557	4.825	205.5
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (Kips)	Tension Strength (Kips)	Tension Design Factor
1	2897	4040	1.394	2897	4810	1.66	87	217	2.48 J

Prepared by: Clinton Dworshak
 Utah Div. of Oil & Mining

Phone: 801-538-5280
 FAX: 801-359-3940

Date: July 26, 2006
 Salt Lake City, Utah

Remarks:

Collapse is based on a vertical depth of 6485 ft, a mud weight of 8.6 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Engineering responsibility for use of this design will be that of the purchaser.



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

July 31, 2006

Newfield Production Company
Route 3 Box 3630
Myton, UT 84052

Re: Wells Draw State M-32-8-16 Well, 1994' FSL, 2008' FEL, NW SE, Sec. 32, T. 8 South, R. 16 East, Bottom Location 2644' FSL, 2640' FEL, NW SE, Sec. 32, T. 8 South, R. 16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33222.

Sincerely,

Gil Hunt
Associate Director

mf
Enclosures

cc: Duchesne County Assessor
SITLA

Operator: Newfield Production Company
Well Name & Number Wells Draw State M-32-8-16
API Number: 43-013-33222
Lease: ML-21836

Location: NW SE **Sec.** 32 **T.** 8 South **R.** 16 East
Bottom Location: NW SE **Sec.** 32 **T.** 8 South **R.** 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- 24 hours prior to cementing or testing casing
- 24 hours prior to testing blowout prevention equipment
- 24 hours prior to spudding the well
- within 24 hours of any emergency changes made to the approved drilling program
- prior to commencing operations to plug and abandon the well

The following are Division of Oil, Gas and Mining contacts and their work telephone numbers (please leave a voice mail message if the person is not available to take the call):

- Dan Jarvis at (801) 538-5338
- Carol Daniels at (801) 538-5284 (spud)

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

5. Compliance with the State of Utah Antiquities Act forbids disturbance of archeological, historical, or paleontological remains. Should archeological, historical or paleontological remains be encountered during your operations, you are required to immediately suspend all operations and immediately inform the Trust Lands Administration and the Division of State History of the discovery of such remains.

6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

STATE OF UTAH
 DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.
ML-21836

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
Wells Draw

8. FARM OR LEASE NAME
N/A

9. WELL NO.
Wells Draw State #M-32-8-16

10. FIELD AND POOL OR WILDCAT
Monument Butte

11. QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN
**NW/SE
 Sec. 32, T8S, R16E**

12. County
Duchesne

13. STATE
UT

APPLICATION FOR PERMIT TO DRILL, DEEPEN

1a. TYPE OF WORK **DRILL** **DEEPEN**

1b. TYPE OF WELL

OIL GAS OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
Newfield Production Company

3. ADDRESS AND TELEPHONE NUMBER:
Route #3 Box 3630, Myton, UT 84052 Phone: (435) 646-3721

4. LOCATION OF WELL (FOOTAGE)
 At Surface **NW/SE 1994' FSL 2008' FEL**
 At proposed Producing Zone **SE 2644' FSL 2640' FEL**

5. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
Approximately 11.0 miles southwest of Myton, UT

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE. FT (Also to nearest drlg. unit line, if any)
Approx. 2640' f/lse line and 2636' f/unit line

16. NO. OF ACRES IN LEASE
640.00

17. NO. OF ACRES ASSIGNED TO THIS WELL
20

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR ON THIS LEASE. FT.
Approximately 1287' (Down Hole)

19. PROPOSED DEPTH
6500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5754' GL

22. APPROX. DATE WORK WILL START*
4th Quarter 2006

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4	8 5/8	24#	290'	155 sx +/- 10%
7 7/8	5 1/2	15.5#	TD	275 sx lead followed by 450 sx tail
				See Detail Below

DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give date on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

***The actual cement volumes will be calculated off of the open hole logs, plus 15% excess:**

SURFACE PIPE - 155 sx Class G Cement +/- 10%, w/ 2% CaCl2 & 1/4#/sk Cello-flake
 Weight: 15.8 PPG YIELD: 1.17 Cu Ft/sk H2O Req: 5 gal/sk

LONG STRING - Lead: Premium Lite II Cement + 3lbs/sk BA-90 + 3% KCl + .25 lbs/sk Cello Flake + 2 lbs/sk Kol Seal + 10% Bentonite + .5% Sodium Metasilicate
 Weight: 11.0 PPG YIELD: 3.43 Cu Ft/sk H2O Req: 21.04 gal/sk

Tail: 50-50 Poz-Class G Cement + 3% KCl + .25 lbs/sk Cello Flake + 2% Bentonite + .3% Sodium Metasilicate
 Weight: 14.2 PPG YIELD: 1.59 Cu Ft/sk H2O Req: 7.88 gal/sk

24. Name & Signature Mandie Crozier Regulatory Specialist Date 6/16/2006

(This space for State use only)

API Number Assigned 43-013-33222 APPROVAL _____

RECEIVED
JUN 23 2006

*See Instructions on Reverse Side
 Approved by the
 Utah Division of
 Oil, Gas and Mining
 Date: 07-31-06
 By: [Signature]

DIV. OF OIL, GAS & MINING

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

July 28, 2006

Memorandum

To: Assistant District Manager Minerals, Vernal District
From: Michael Coulthard, Petroleum Engineer
Subject: 2006 Plan of Development Wells Draw Unit,
Duchesne County, Utah.

Pursuant to email between Diana Whitney, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management, the following wells are planned for calendar year 2006 within the Wells Draw Unit, Duchesne County, Utah.

API#	WELL NAME	LOCATION
------	-----------	----------

(Proposed PZ Green River)

43-013-33222	Wells Draw St M-32-8-16	Sec 32 T08S R16E 1994 FSL 2008 FEL BHL Sec 32 T08S R16E 2644 FSL 2640 FEL
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These wells are part of a 20 acre infill program in the Greater Monument Butte Field. Telephone conversation with Kelly Donohue, Newfield, indicated that they will apply for exceptions to the locating and siting requirements of the State of Utah (R649-3-2) on a well by well basis. Newfield is currently scheduled to seek relief on a unit basis at the September meeting of the Board of Oil Gas and Mining.

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard

bcc: File - Wells Draw Unit
Division of Oil Gas and Mining
Central Files
Agr. Sec. Chron
Fluid Chron

MCoulthard:mc:7-28-06

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

Name of Company: NEWFIELD PRODUCTION COMPANY

Well Name: WELLS DRAW ST M-32-8-16

Api No: 43-013-33222 Lease Type: STATE

Section 32 Township 08S Range 16E County DUCHESNE

Drilling Contractor NDSI RIG # NS#1

SPUDDED:

Date 12/19/06

Time NOON

How DRY

Drilling will Commence: _____

Reported by DON BASTIAN

Telephone # (435) 823-6012

Date 12/19/2006 Signed CHD

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM - FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
WYTON, UT 84252

OPERATOR ACCT. NO. W2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					Q1	Q2	T1	R1			
B	899999	12418	43-013-33463	WEST POINT FEDERAL 4A-18-8-16	NW1/4	18	9S	16E	DUCHESNE	12/14/06	
WELL 1 COMMENTS: <i>GRRU</i>											
B	899999	12418	43-013-32784	WEST POINT FEDERAL 3-18-8-16	NW1/4	18	9S	16E	DUCHESNE	12/18/06	12/21/06
WELL 2 COMMENTS: <i>GRRU</i>											
B	909999	12276	43-013-33222	WELLS DRAW ST N-32-8-16	NW1/4	32	8S	16E	DUCHESNE	12/18/2006	12/21/06
WELL 3 COMMENTS: <i>GRRU BHL = C Sec 32</i>											

ACTION CODES (See instructions on back of form)

- A - Establish new entity (new well) (single well only)
- B - Add new well to existing entity (group of wells)
- C - Re-design well from one existing entity to another existing entity
- D - Re-design well from one existing entity to new entity
- E - Other (Specify in comments section)

NOTE: Use CURRENT entity number explicitly when Action Code was selected.

Lana Nebeker
Signature

LANA NEBEKER

Production Analyst

December 18, 2006

Date

Date

RECEIVED

DEC 20 2006

DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER: Wells Draw State M-32-8-1
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT or CA AGREEMENT NAME: WELLS DRAW UNIT
8. WELL NAME and NUMBER: WELLS DRAW STATE #M-32-8-
9. API NUMBER: 4301333222
10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1994 FSL 2008 FEL COUNTY: DUCHESNE
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 32, T8S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 12/21/2006	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Spud Notice
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
On 12/19/06.MIRU NDSI NS#1.Spud well @ 12:00pm. Drill 300' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 299.09'On 10/15/05 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 7 bbls cement to pit. WOC.

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DEC 29 2006
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Don Bastian TITLE Drilling Foreman
SIGNATURE *Don Bastian* DATE 12/21/2006

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NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8 CASING SET AT 299.09

LAST CASING 8 5/8" SET AT 299.09'
 DATUM 12' KB
 DATUM TO CUT OFF CASING _____
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 310' LOGGER _____
 HOLE SIZE 12 1/4

OPERATOR NewField Production Company
 WELL Wells Draw State M-32-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI NS#1

LOG OF CASING STRING:							
PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Shoe Joint 41.19'					
		WHI - 92 csg head			8rd	A	0.95
7	8 5/8"	Maverick ST&C csg	24#	J-55	8rd	A	287.24
		GUIDE shoe			8rd	A	0.9
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			289.09
TOTAL LENGTH OF STRING		289.09	7	LESS CUT OFF PIECE			2
LESS NON CSG. ITEMS		1.85		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		0		CASING SET DEPTH			299.09
TOTAL		287.24	7	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		287.24	7				
TIMING		1ST STAGE					
BEGIN RUN CSG.	Spud	12/19/2006	12:00 PM	GOOD CIRC THRU JOB <u>Yes</u>			
CSG. IN HOLE		12/20/2006	10:00AM	Bbls CMT CIRC TO SURFACE <u>7</u>			
BEGIN CIRC		12/21/2006	10:25 AM	RECIPROCATED PIPE FOR _____ THRU _____ FT STROKE			
BEGIN PUMP CMT		12/21/2006	10:42 AM	N/A			
BEGIN DSPL. CMT		12/21/2006	10:55 AM	BUMPED PLUG TO _____ 156 _____ PSI			
PLUG DOWN		12/21/2006	11:02 AM				
CEMENT USED		6 CEMENT COMPANY- B. J.					
STAGE	# SX	CEMENT TYPE & ADDITIVES					
1	160	Class "G" w/ 2% CaCL2 + 1/4#/sk Cello-Flake mixed @ 15.8 ppg 1.17 cf/sk yield					
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING					
Centralizers - Middle first, top second & third for 3							

COMPANY REPRESENTATIVE Don Bastian DATE 12/21/2006

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 DEC 29 2006
 DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21836

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
WELLS DRAW STATE #M-32-8-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333222

3. ADDRESS OF OPERATOR:
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052

PHONE NUMBER
435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1994 FSL 2008 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 32, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <hr/>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: <u>01/04/2007</u>	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

On 12/24/06 MIRU NDSI Rig # 2. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi on 12/26/06. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 258'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 6,560'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 155 jt's of 5.5 J-55, 15.5# csgn. Set @ 6542.13' / KB. Cement with 350 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 450 sks cement mixed @ 14.4 ppg & 1.24 yld. With 20 bbls cement returned to pit. Nipple down Bop's. Drop slips @90,000 #'s tension. Release rig 6:30 AM 1/4/07.

NAME (PLEASE PRINT) Alvin Nielsen

TITLE Drilling Foreman

SIGNATURE 

DATE 01/04/2007

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JAN 08 2007
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 6542.13

LAST CASING 8 5/8" SET # 299.09'
 DATUM 12' KB
 DATUM TO CUT OFF CASING 12'
 DATUM TO BRADENHEAD FLANGE _____
 TD DRILLER 6558 Loggers 6576'
 HOLE SIZE 7 7/8"

Fit cllr @ 6502.29
 OPERATOR Newfield Production Company
 WELL WD State M-32-8-16
 FIELD/PROSPECT Monument Butte
 CONTRACTOR & RIG # NDSI #2

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH
		Landing Jt					14
		Short jt 4118.79' (705')					
155	5 1/2"	ETC LT & C casing	15.5#	J-55	8rd	A	6488.29
		Float collar					0.6
1	5 1/2"	ETC LT&C csg	15.5#	J-55	8rd	A	40.59
		GUIDE shoe			8rd	A	0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING			6544.13
TOTAL LENGTH OF STRING		6544.13	156	LESS CUT OFF PIECE			14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG			12
PLUS FULL JTS. LEFT OUT		125.7	3	CASING SET DEPTH			6542.13
TOTAL		6654.58	159	} COMPARE			
TOTAL CSG. DEL. (W/O THRDS)		6654.58	159				
TIMING		1ST STAGE	2nd STAGE	GOOD CIRC THRU JOB			Yes
BEGIN RUN CSG.		1/3/2007	10:30PM	Bbls CMT CIRC TO SURFACE			20
CSG. IN HOLE		1/4/2007	1:30AM	RECIPROCATED PIPE FOR			THRUSTROKE NA
BEGIN CIRC		1/4/2007	1:30AM	DID BACK PRES. VALVE HOLD ?			Yes
BEGIN PUMP CMT		1/4/2007	4:05AM	BUMPED PLUG TO			1890 PSI
BEGIN DSPL. CMT		1/4/2007	5:08AM				
PLUG DOWN		1/4/2007	5:37AM				

CEMENT USED		CEMENT COMPANY- B. J.	
STAGE	# SX	CEMENT TYPE & ADDITIVES	
1	350	Premlite II w/ 10% gel + 3 % KCL, 3#s /sk CSE + 2# sk/kolseal + 1/2#s/sk Cello Flake	
		mixed @ 11.0 ppg W / 3.43 cf/sk yield	
2	450	50/50 poz W/ 2% Gel + 3% KCL, .5%EC1, 1/4# sk C.F. 2% gel. 3% SM mixed @ 14.4 ppg W/ 1.24 YLD	
CENTRALIZER & SCRATCHER PLACEMENT		SHOW MAKE & SPACING	
Centralizers - Middle first, top second & third. Then every third collar for a total of 20.			

COMPANY REPRESENTATIVE Don Bastian DATE 1/4/2007


JAN 08 2007
 DIV. OF OIL, GAS & MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21836

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
WELLS DRAW STATE #M-32-8-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333222

3. ADDRESS OF OPERATOR: PHONE NUMBER
Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

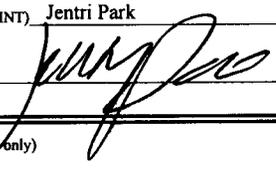
4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1994 FSL 2008 FEL COUNTY: DUCHESNE
OTR/OTR SECTION, TOWNSHIP, RANGE, MERIDIAN: NWSE, 32, T8S, R16E STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 02/23/2007	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.
The above subject well was completed on 02/05/07, attached is the daily completion status report.

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FEB 27 2007
DIV. OF OIL, GAS & MINING

NAME (PLEASE PRINT) Jentri Park TITLE Production Clerk
SIGNATURE  DATE 02/23/2007

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Daily Activity Report

Format For Sundry

WLLS DRW M-32-8-16

12/1/2006 To 4/28/2007

1/16/2007 Day: 1

Completion

Rigless on 1/9/2007 - Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 6413' & cement top @ 20'. Perforate stage #1. CP3 sds @ 6150- 66' w/ 3 1/8" Slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 64 shots. 154 BWTR. SIFN.

1/25/2007 Day: 2

Completion

Rigless on 1/24/2007 - RU BJ Services "Ram Head" frac flange. RU BJ & frac stage #1, CP3 sds down casing w/ 20,239#'s of 20/40 sand in 443 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2707 psi. Treated @ ave pressure of 2745 w/ ave rate of 25.1 bpm w/ 6.5 ppg of sand. Cut sand early due to blender break down. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2348. 597 bbls EWTR. Leave pressure on well. RU Lone Wolf WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" (6K) composite flow through frac plug & 6', 10' perf guns. Went to set plug & 6' gun went off perfs @ 6073-6079'. RIH w/ frac plug & 6', 10' perf guns. Set plug @ 6065'. Perforate CP2 sds @ 6028-38', CP.5 sds @ 5957-63' w/ 3-1/8" Slick Guns (23 gram, .43"HE, 90°) w/ 4 spf for total of 64 shots in 3 runs due to miss fire. RU BJ & frac stage #2 w/ 45,313#'s of 20/40 sand in 448 bbls of Lightning 17 frac fluid. Open well w/ 1590 psi on casing. Perfs broke down @ 3048 psi. Treated @ ave pressure of 1927 w/ ave rate of 25.2 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2077. 1045 bbls EWTR. Leave pressure on well. U WLT. RIH w/ frac plug & 14' perf guns. Set plug @ 5890'. Perforate LODC sds @ 5790-5804' w/ 4 spf for total of 56 shots. RU BJ & frac stage #3 w/ 100,646#'s of 20/40 sand in 716 bbls of Lightning 17 frac fluid. Open well w/ 1730 psi on casing. Perfs broke down @ 3580 psi. Treated @ ave pressure of 2780 w/ ave rate of 25 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 3553. 1761 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 14' perf gun. Set plug @ 5708'. Perforate LODC sds @ 5672-5686' & 5601-5615' w/ 4 spf for total of 112 shots. Tagged sand @ 5670' on second gun run. Flow well back. Well flowed for 1 hours & died w/ 60 bbls rec;d. SIFN. Didn't clean-up.

1/26/2007 Day: 3

Completion

NC #1 on 1/25/2007 - Thaw well head out. Open well w/ 0 psi. RD BJ & WLT. MIRUSU. SIFN.

1/29/2007 Day: 4

Completion

NC #1 on 1/26/2007 - 6:30AM R/U NDSI H/Oiler, Thau BOP& Well HD, P/U & RIH w/-N/C, 175 Jts Tbg To Fill @ 5528', R/U R/pmp & C/Out To Plg @ 5708', Curc Well Clean, POOH w/-4 Jts Tbg, Wt 1 Hr 30 Min, RIH w/-Tbg To Plg @ 5708' No Fill, POOH W/-181 Jts Tbg, N/C. SWI, C/SDFN. Well Gained 20 Bbls Wtr On TIH w/-Tbg.

1/30/2007 Day: 5

Completion

NC #1 on 1/29/2007 - Thaw well out. RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #4 down casing w/ 182,227#'s of 20/40 sand in 1259 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2933 psi. Treated @ ave pressure of 2172 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2100. 2224 bbls EWTR. Leave pressure on well. Thaw well out. RU BJ Services "Ram Head" frac flange. RU BJ & frac LODC sds, stage #4 down casing w/ 182,227#'s of 20/40 sand in 1259 bbls of Lightning 17 frac fluid. Open well w/ 0 psi on casing. Perfs broke down @ 2933 psi. Treated @ ave pressure of 2172 w/ ave rate of 24.8 bpm w/ 8 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2100. 2224 bbls EWTR. Leave pressure on well.

1/31/2007 Day: 6

Completion

NC #1 on 1/30/2007 - Thaw well out. RU BJ & frac stage #6 w/ 20,395#'s of 20/40 sand in 379 bbls of Lightning 17 frac fluid. Open well w/ 17 psi on casing. Perfs broke down @ 1373 psi. Treated @ ave pressure of 2425 w/ ave rate of 24.3 bpm w/ 6.5 ppg of sand. Spot 12 bbls of 15% HCL acid in flush for next stage. ISIP was 2325. 3250 bbls EWTR. Leave pressure on well. RU WLT. RIH w/ frac plug & 8',6' perf guns. Set plug @ 4680'. Perforate GB6 sds @ 4575-83' & GB4 sds @ 4509-15' w/ 4 spf for total of 56 shots. RU BJ & frac stage #7 w/ 47,204#'s of 20/40 sand in 379 bbls of Lightning 17 frac fluid. Open well w/ 334 psi on casing. Perfs broke down @ 2634 psi. Treated @ ave pressure of 1965 w/ ave rate of 14.4 bpm w/ 8 ppg of sand. ISIP was 2300. 3250 bbls EWTR. RD BJ & WLT. Flow well back. Well flowed for 1.5 hours & died w/ 125 bbls fluid rec'd. RD Cameron BOP & 5M frac head. Instal 3M production head & schaffer BOP. PU bit & bit sub. TIH w/ tbg to tag plug @ 4680'. Circulate well clean. Gained 25 bbls on TIH. SIFN.

2/1/2007 Day: 7

Completion

NC #1 on 1/31/2007 - 6:30AM R/U Action H/Oiler, Thau BOP & w/-HD, RIH w/- 4 Jts Tbg To Plg @ 4680', R/U R/pmp, Drill Up Plg, Swvl I/Hle To Fill @ 5087', Drill Up Plg, Swvl I/Hle w/-Tbg To Fill @ 5343', C/Out To Plg @ 5520', Drill Up Plg, Swvl I/Hle To Fill @ 5613', C/Out To Plg @ 5708', Drill Up Plg, Swvl I/Hle To Fill @ 5827', C/Out To Plg @ 5890', Drill Up Plg, SWI, 6:00PM C/SDFN. 95 Bbls Total Wtr Lost For Day.

2/2/2007 Day: 8

Completion

NC #1 on 2/1/2007 - 6:30AM R/U ZHO H/Oiler, Thau BOP & w/-HD, RIH w/- Tbg To Fill @ 6037', R/U R/pmp & Nabors Pwr Swvl, C/Out To Plg @ 6065', Drill Up Plg, Swvl I/Hle To Fill @ 6347', C/Out To PBTD @ 6476', Curc Well Clean 1 Hr, R/D Pwr Swvl, POOH w/-4 Jts Tbg, EOB @ 6353', R/U Swab, RIH, IFL @ Surf, Made 17 Swab Runs Recvred 195 Bbls Wtr, Lite Trce Sand, 1% Oil Cut @ End Of Day, FFL@ 1800', SWI, 5:30PM SDFN. (Note) Lost 141 Bbls Wtr On C/Out To PBTD. Total Recovery For Day = 54 Bbls.

2/5/2007 Day: 9

Completion

NC #1 on 2/2/2007 - 6:30AM OWU, RIH w/-4 Jts Tbg To Fill @ 6465', 11' Of Fill On PBTD, R/U R/pmp C/Out To PBTD @ 6476', Curc Well Clean, POOH w/- 205 Jts Tbg, Bit Sub & Bit. P/U & RIH w/- N/C, 2 Jts Tbg, S/N, 1 Jt Tbg, T/A, 169 Jts Tbg, Set T/A In 15,000 Tension, N/U w/-HD, P/U Stroke & RIH w/-Central Hydraulic 2 1/2x1 3/4x16x19 1/2' RHAC, 4-1 1/2x25' Wt Bars, 107- 7/8x25' Scrapered Rods, SWI, 6:00PM C/SDFN, Total Wtr Loss For Day On C/Out To PBTD = 152 Bbls.

2/6/2007 Day: 10**Completion**

NC #1 on 2/5/2007 - 6:30AM OWU, RIH w/- 135-7/8x25' Scrapered Rods, 1-7/8x2' Pony, 1- 1 1/2x26' Polish Rod, R/U Unit, R/U R/pmp, Fill Tbg w/-8 Bbls Wtr, Stroke Unit & Tbg To 800 Psi, Good Test. R/D Rig & Eq, Move Out. POP @ 4:00PM w/-123" SL, 5 SPM, (Final Report).

Pertinent Files: Go to File List

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTAH STATE ML-21836

SUNDRY NOTICES AND REPORTS ON WELLS

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:
WELLS DRAW UNIT

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL GAS WELL OTHER

8. WELL NAME and NUMBER:
WELLS DRAW STATE #M-32-8-16

2. NAME OF OPERATOR:
NEWFIELD PRODUCTION COMPANY

9. API NUMBER:
4301333222

3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052 PHONE NUMBER 435.646.3721

10. FIELD AND POOL, OR WILDCAT:
MONUMENT BUTTE

4. LOCATION OF WELL:
FOOTAGES AT SURFACE: 1994 FSL 2008 FEL

COUNTY: DUCHESNE

OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NWSE, 32, T8S, R16E

STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will <u>02/02/2007</u>	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: _____	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input checked="" type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: -
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Formation water is produced to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

NAME (PLEASE PRINT) Mandie Crozier TITLE Regulatory Specialist

SIGNATURE *Mandie Crozier* DATE 02/05/2007

(This space for State use only)

RECEIVED

FEB 06 2007

DIV. OF OIL, GAS AND MINING

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

5. LEASE DESIGNATION AND SERIAL NO.

ML-21836

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

1a. TYPE OF WORK

OIL WELL GAS WELL DRY Other _____

7. UNIT AGREEMENT NAME

Wells Draw

1b. TYPE OF WELL

NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR. Other _____

8. FARM OR LEASE NAME, WELL NO.

Wells Draw M-32-8-16

2. NAME OF OPERATOR

Newfield Exploration Company

9. WELL NO.

43-013-33222

3. ADDRESS AND TELEPHONE NO.

1401 17th St. Suite 1000 Denver, CO 80202

10. FIELD AND POOL OR WILDCAT

Monument Butte

4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)*

At Surface **1994' FSL, 2008' FEL - 2644' FSL, 2649' FEL (NW/SE) Sec. 32, T8S, R16E**

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 32, T8S, R16E

At top prod. Interval reported below

At total depth

2581' FSL 2746' FEL

14. API NO.

43-013-33222

DATE ISSUED

07/31/06

12. COUNTY OR PARISH

Duchesne

13. STATE

UT

15. DATE SPUDDED

12/19/06

16. DATE T.D. REACHED

01/03/07

17. DATE COMPL. (Ready to prod.)

02/05/07

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

5754' GL

19. ELEV. CASINGHEAD

5766' KB

20. TOTAL DEPTH, MD & TVD

6576' 6485

21. PLUG BACK T.D., MD & TVD

6476' 6385

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

----->

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)*

Green River 4509'-6166'

25. WAS DIRECTIONAL SURVEY MADE

No Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction Guard, SP, Compensated Density, Compensated Neutron, GR, Caliper, Cement Bond Log

27. WAS WELL CORED

No

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" - J-55	24#	299'	12-1/4"	To surface with 160 sx Class "G" cmt	
5-1/2" - J-55	15.5#	6542'	7-7/8"	350 sx Premlite II and 450 sx 50/50 Poz	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	EOT @ 6237'	TA @ 6138'

31. PERFORATION RECORD (Interval, size and number)

INTERVAL	SIZE	SPF/NUMBER	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
(CP3) 6150'-6166'	.49"	4/64	6150'-6166'	Frac w/ 20,239# 20/40 sand in 443 bbls fluid
(CP2.5) 6028'-6038', 5957'-5963'	.43"	4/64	5957'-6038'	Frac w/ 45,313# 20/40 sand in 448 bbls fluid
(LODC) 5790'-5804'	.43"	4/56	5790'-5804'	Frac w/ 100,646# 20/40 sand in 716 bbls fluid
(LODC) 5601'-5615', 5672'-5686'	.43"	4/112	5601'-5686'	Frac w/ 182,227# 20/40 sand in 1259 bbls fluid
(A5) 5433'-5443'	.43"	4/40	5433'-5443'	Frac w/ 85,362# 20/40 sand in 647 bbls fluid
(D1) 5044'-5049'	.43"	4/20	5044'-5049'	Frac w/ 20,395# 20/40 sand in 379 bbls fluid
(GB6) 4509'-4515', 4575'-4583'	.43"	4/56	4509'-4583'	Frac w/ 47,204# 20/40 sand in 379 bbls fluid

33.* PRODUCTION

DATE FIRST PRODUCTION 02/05/07	PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump) 2-1/2" x 1-3/4" x 16' x 19 1/2' RHAC w/ eagle valve			WELL STATUS (Producing or shut-in) PRODUCING		
DATE OF TEST 10 day ave	HOURS TESTED	CHOKE SIZE	PROD. FOR TEST PERIOD	OIL--BBL. 27	GAS--MCF. 78	WATER--BBL. 33
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)
RECEIVED						

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold & Used for Fuel

MAR 01 2007

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DIV. OF OIL, GAS & MINING

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Jentri Park

TITLE

Production Clerk

DATE

2/27/2007

JP

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

38. GEOLOGIC MARKERS

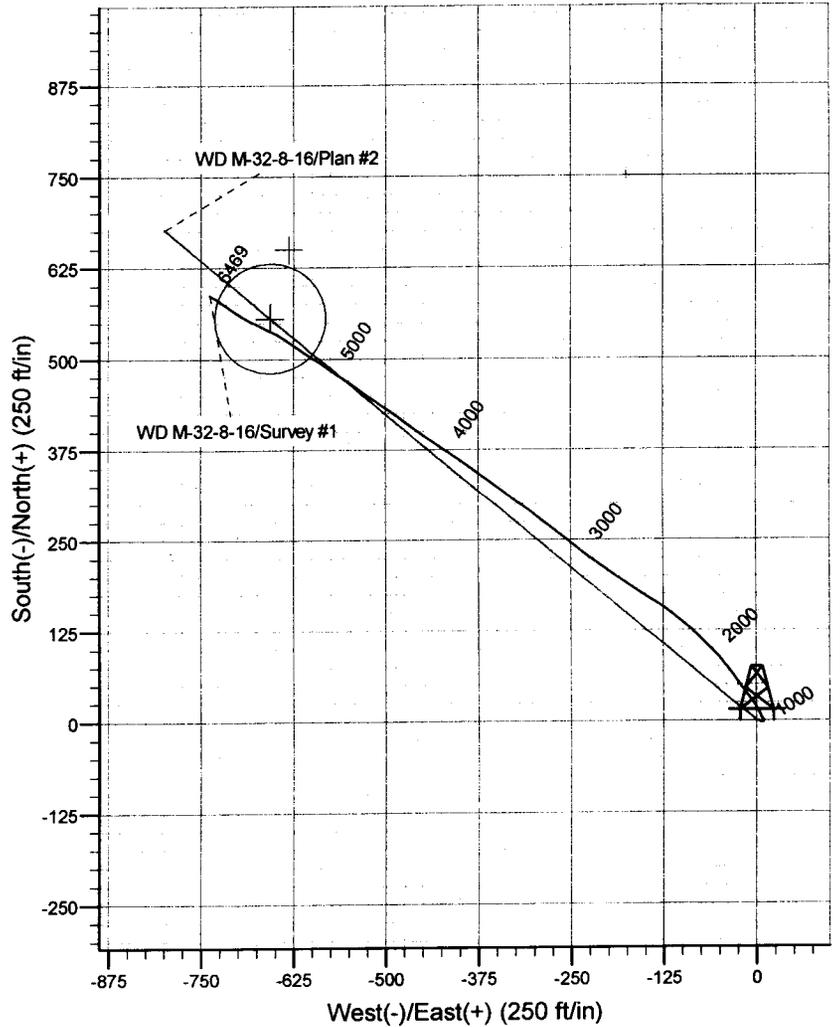
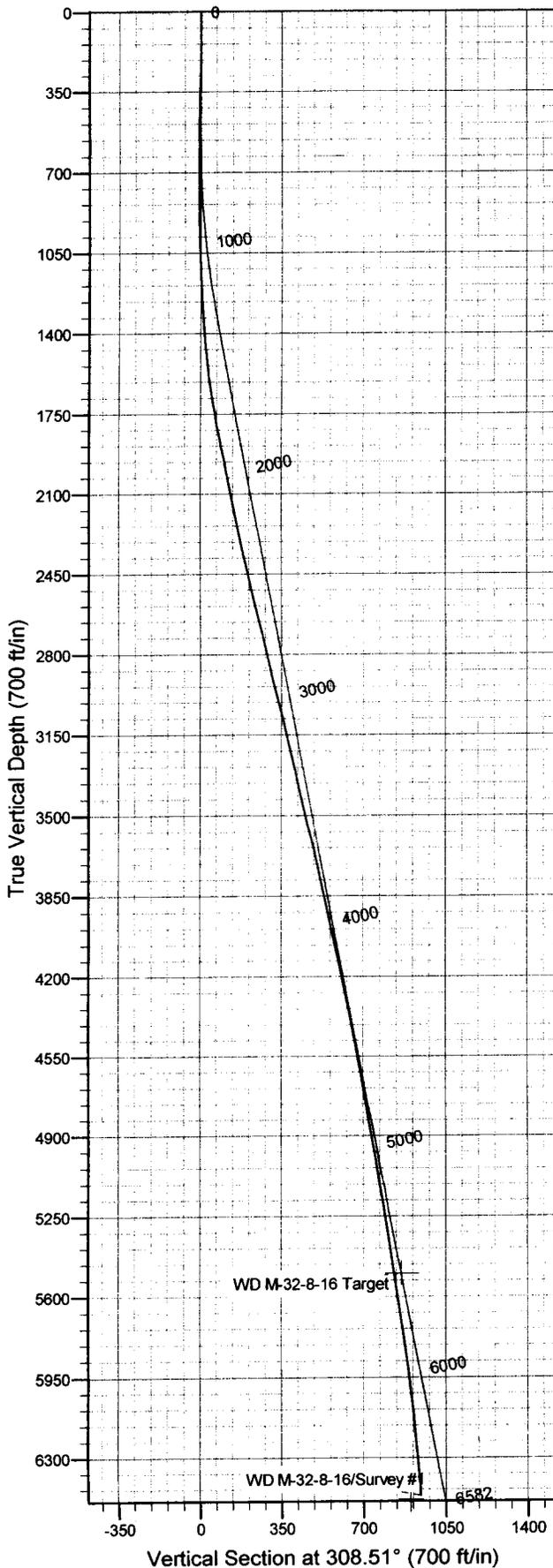
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
			Well Name Wells Draw M-32-8-16	Garden Gulch Mkr	3982'	
				Garden Gulch 1	4206'	
				Garden Gulch 2	4320'	
				Point 3 Mkr	4589'	
				X Mkr	4858'	
				Y-Mkr	4892'	
				Douglas Creek Mkr	5006'	
				BiCarbonate Mkr	5245'	
				B Limestone Mkr	5357'	
				Castle Peak	5931'	
				Basal Carbonate	6373'	
				Total Depth (LOGGERS)	6576'	



Scientific Drilling
Rocky Mountain Operations

Project: Duchesne County, UT
Site: Wells Draw M-32-8-16
Well: WD M-32-8-16
Wellbore: OH
Design: OH

Newfield Exploration Co.



WELL DETAILS: WD M-32-8-16

+N-S	+E-W	Ground Level:	GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)	Slot
0.00	0.00	Northing	Easting	Latitude
		7198093.05	2020697.66	40° 4' 21.570 N 110° 8' 27.740 W

REFERENCE INFORMATION	
Co-ordinate (NE) Reference:	Well WD M-32-8-16, True North
Vertical (TVD) Reference:	GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
Section (VS) Reference:	Slot - (0.00N, 0.00E)
Measured Depth Reference:	GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
Calculation Method:	Minimum Curvature
Local North:	True
Location:	Sec. 32 T8S R16E

PROJECT DETAILS: Duchesne County, UT	Survey: Survey #1 (WD M-32-8-16/OH)
Geodetic System: US State Plane 1983 Datum: North American Datum 1983 Ellipsoid: GRS 1980 Zone: Utah Central Zone	Created By: Julie Cruse Date: 2007-01-05

Newfield Exploration Co.

Duchesne County, UT

Wells Draw M-32-8-16

WD M-32-8-16

OH

Survey: Survey #1

Standard Survey Report

05 January, 2007

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw M-32-8-16
Well: WD M-32-8-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well WD M-32-8-16
TVD Reference: GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
MD Reference: GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
North Reference: True
Survey Calculation Method: Minimum Curvature
Database: EDM 2003.14.1.0 Single User Db

Project	Duchesne County, UT		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	Utah Central Zone		

Site	Wells Draw M-32-8-16, Sec. 32 T8S R16E				
Site Position:		Northing:	7,198,093.05 ft	Latitude:	40° 4' 21.570 N
From:	Lat/Long	Easting:	2,020,697.66 ft	Longitude:	110° 8' 27.740 W
Position Uncertainty:	0.00 ft	Slot Radius:	0.000 in	Grid Convergence:	0.87 °

Well	WD M-32-8-16, Sec 32 T8S R16E; SHL: 1994' FSL, 2008' FEL					
Well Position	+N/-S	0.00 ft	Northing:	7,198,093.05 ft	Latitude:	40° 4' 21.570 N
	+E/-W	0.00 ft	Easting:	2,020,697.66 ft	Longitude:	110° 8' 27.740 W
Position Uncertainty		0.00 ft	Wellhead Elevation:	ft	Ground Level:	5,754.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	2006-12-18	11.91	65.92	52,735

Design	OH				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	
Vertical Section:		Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)
		0.00	0.00	0.00	308.51

Survey Program	Date	2007-01-05			
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
321.00	6,560.00	Survey #1 (OH)	MWD	MWD - Standard	

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
321.00	1.14	105.77	320.98	-0.87	3.07	-2.95	0.36	0.36	0.00
351.00	1.03	101.05	350.97	-1.00	3.62	-3.46	0.47	-0.37	-15.73
382.00	1.29	98.92	381.97	-1.11	4.24	-4.01	0.85	0.84	-6.87
413.00	1.07	109.13	412.96	-1.26	4.86	-4.59	0.98	-0.71	32.94
444.00	1.24	107.19	443.95	-1.45	5.46	-5.17	0.56	0.55	-6.26
474.00	1.24	103.71	473.95	-1.62	6.08	-5.77	0.25	0.00	-11.60
505.00	1.25	102.49	504.94	-1.78	6.74	-6.38	0.09	0.03	-3.94
536.00	1.17	106.99	535.93	-1.94	7.37	-6.98	0.40	-0.26	14.52
566.00	0.93	84.07	565.93	-2.01	7.90	-7.43	1.60	-0.80	-76.40
596.00	0.89	76.30	595.92	-1.93	8.37	-7.75	0.43	-0.13	-25.90
626.00	1.05	57.28	625.92	-1.72	8.83	-7.98	1.19	0.53	-63.40
657.00	1.05	51.04	656.91	-1.39	9.29	-8.14	0.37	0.00	-20.13

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
Project: Duchesne County, UT
Site: Wells Draw M-32-8-16
Well: WD M-32-8-16
Wellbore: OH
Design: OH

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well WD M-32-8-16
 GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
 GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
 True
 Minimum Curvature
 EDM 2003.14.1.0 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Buidl Rate (°/100ft)	Turn Rate (°/100ft)
687.00	1.07	38.99	686.91	-1.00	9.68	-8.20	0.74	0.07	-40.17
718.00	1.02	18.90	717.90	-0.51	9.95	-8.11	1.19	-0.16	-64.81
748.00	0.68	6.51	747.90	-0.08	10.06	-7.92	1.28	-1.13	-41.30
779.00	0.73	359.14	778.90	0.30	10.08	-7.70	0.33	0.16	-23.77
810.00	0.50	329.82	809.90	0.61	10.01	-7.45	1.23	-0.74	-94.58
840.00	0.56	301.11	839.90	0.80	9.81	-7.18	0.90	0.20	-95.70
871.00	0.81	288.22	870.89	0.95	9.48	-6.83	0.94	0.81	-41.58
902.00	0.80	297.26	901.89	1.11	9.08	-6.41	0.41	-0.03	29.16
933.00	1.02	298.93	932.89	1.35	8.64	-5.92	0.71	0.71	5.39
965.00	1.15	316.43	964.88	1.72	8.17	-5.33	1.11	0.41	54.69
996.00	1.52	326.88	995.87	2.29	7.73	-4.63	1.42	1.19	33.71
1,027.00	1.69	329.78	1,026.86	3.03	7.28	-3.81	0.61	0.55	9.35
1,058.00	2.05	331.41	1,057.84	3.91	6.78	-2.87	1.17	1.16	5.26
1,089.00	2.19	334.23	1,088.82	4.93	6.26	-1.83	0.56	0.45	9.10
1,121.00	2.61	335.85	1,120.79	6.14	5.70	-0.63	1.33	1.31	5.06
1,152.00	2.79	336.41	1,151.76	7.48	5.10	0.66	0.59	0.58	1.81
1,184.00	3.05	335.58	1,183.72	8.97	4.44	2.11	0.82	0.81	-2.59
1,215.00	3.17	334.16	1,214.67	10.49	3.73	3.61	0.46	0.39	-4.58
1,246.00	3.52	334.49	1,245.62	12.12	2.94	5.24	1.13	1.13	1.06
1,277.00	3.71	334.04	1,276.56	13.88	2.09	7.00	0.62	0.61	-1.45
1,309.00	4.19	332.23	1,308.48	15.85	1.10	9.01	1.55	1.50	-5.66
1,340.00	4.43	330.56	1,339.39	17.89	-0.02	11.15	0.87	0.77	-5.39
1,371.00	4.93	330.66	1,370.29	20.09	-1.26	13.50	1.61	1.61	0.32
1,402.00	5.30	328.16	1,401.17	22.47	-2.67	16.08	1.39	1.19	-8.06
1,432.00	5.65	324.40	1,431.03	24.85	-4.26	18.80	1.67	1.17	-12.53
1,464.00	6.07	324.76	1,462.86	27.51	-6.15	21.94	1.32	1.31	1.12
1,495.00	6.45	324.33	1,493.68	30.27	-8.11	25.19	1.24	1.23	-1.39
1,527.00	6.67	323.77	1,525.47	33.23	-10.26	28.71	0.72	0.69	-1.75
1,558.00	7.05	323.76	1,556.25	36.21	-12.45	32.29	1.23	1.23	-0.03
1,590.00	7.44	323.73	1,587.99	39.47	-14.84	36.18	1.22	1.22	-0.09
1,621.00	8.28	323.69	1,618.70	42.88	-17.34	40.27	2.71	2.71	-0.13
1,653.00	8.59	325.26	1,650.35	46.70	-20.07	44.78	1.21	0.97	4.91
1,684.00	9.19	324.87	1,680.98	50.63	-22.81	49.38	1.95	1.94	-1.26
1,715.00	9.98	326.19	1,711.55	54.89	-25.73	54.31	2.65	2.55	4.26
1,746.00	10.55	325.36	1,742.05	59.45	-28.84	59.59	1.90	1.84	-2.68
1,777.00	11.08	323.99	1,772.50	64.20	-32.21	65.17	1.90	1.71	-4.42
1,809.00	11.44	324.25	1,803.89	69.26	-35.87	71.19	1.14	1.12	0.81
1,841.00	11.76	323.70	1,835.23	74.47	-39.65	77.39	1.06	1.00	-1.72
1,872.00	11.59	321.63	1,865.59	79.45	-43.46	83.47	1.46	-0.55	-6.68
1,903.00	11.53	321.19	1,895.96	84.31	-47.33	89.53	0.34	-0.19	-1.42
1,934.00	11.44	320.67	1,926.34	89.10	-51.22	95.56	0.44	-0.29	-1.68
1,965.00	11.72	317.46	1,956.71	93.80	-55.30	101.67	2.27	0.90	-10.35
1,996.00	11.89	317.33	1,987.05	98.47	-59.59	107.94	0.56	0.55	-0.42
2,087.00	11.62	314.39	2,076.15	111.77	-72.49	126.32	0.72	-0.30	-3.23
2,182.00	11.21	312.37	2,169.27	124.69	-86.15	145.05	0.60	-0.43	-2.13
2,276.00	11.40	309.60	2,261.44	136.77	-100.06	163.45	0.61	0.20	-2.95
2,368.00	12.31	308.42	2,351.48	148.66	-114.75	182.35	1.02	0.99	-1.28
2,461.00	13.09	304.38	2,442.21	160.76	-131.21	202.77	1.27	0.84	-4.34
2,556.00	13.42	303.35	2,534.68	172.90	-149.30	224.48	0.43	0.35	-1.08
2,650.00	13.61	302.92	2,626.07	184.91	-167.69	246.35	0.23	0.20	-0.46
2,743.00	13.30	306.26	2,716.52	197.18	-185.51	267.93	0.90	-0.33	3.59
2,838.00	13.24	306.59	2,808.99	210.13	-203.05	289.72	0.10	-0.06	0.35
2,932.00	13.30	305.60	2,900.48	222.84	-220.49	311.28	0.25	0.06	-1.05
3,026.00	14.40	309.21	2,991.74	236.52	-238.34	333.77	1.49	1.17	3.84

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.
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Site: Wells Draw M-32-8-16
Well: WD M-32-8-16
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Design: OH

Local Co-ordinate Reference:
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 GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)
 True
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 EDM 2003.14.1.0 Single User Db

Survey

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
3,119.00	14.67	308.23	3,081.77	251.12	-256.55	357.11	0.39	0.29	-1.05
3,212.00	12.66	307.87	3,172.13	264.67	-273.84	379.07	2.16	-2.16	-0.39
3,304.00	13.48	309.13	3,261.75	277.62	-290.12	399.88	0.94	0.89	1.37
3,398.00	12.36	308.18	3,353.36	290.75	-306.53	420.89	1.21	-1.19	-1.01
3,493.00	13.27	305.07	3,446.00	303.30	-323.44	441.95	1.20	0.96	-3.27
3,585.00	13.35	307.42	3,535.53	315.83	-340.52	463.11	0.59	0.09	2.55
3,679.00	13.58	307.71	3,626.94	329.17	-357.87	484.99	0.26	0.24	0.31
3,772.00	12.47	307.18	3,717.55	341.92	-374.51	505.95	1.20	-1.19	-0.57
3,866.00	11.74	305.47	3,809.46	353.60	-390.38	525.64	0.87	-0.78	-1.82
3,960.00	11.85	304.73	3,901.47	364.65	-406.10	544.82	0.20	0.12	-0.79
4,053.00	12.56	304.68	3,992.37	375.84	-422.27	564.44	0.76	0.76	-0.05
4,147.00	12.45	304.67	4,084.14	387.42	-439.01	584.75	0.12	-0.12	-0.01
4,239.00	11.78	305.42	4,174.09	398.50	-454.82	604.02	0.75	-0.73	0.82
4,337.00	11.09	305.85	4,270.15	409.82	-470.61	623.42	0.71	-0.70	0.44
4,430.00	11.00	308.95	4,361.43	420.64	-484.76	641.23	0.65	-0.10	3.33
4,524.00	10.68	305.06	4,453.75	431.28	-498.86	658.89	0.85	-0.34	-4.14
4,618.00	9.62	304.01	4,546.28	440.68	-512.50	675.42	1.14	-1.13	-1.12
4,711.00	9.51	304.55	4,637.98	449.38	-525.27	690.83	0.15	-0.12	0.58
4,804.00	9.34	308.41	4,729.73	458.43	-537.51	706.04	0.70	-0.18	4.15
4,898.00	9.61	303.15	4,822.45	467.46	-550.06	721.48	0.96	0.29	-5.60
4,991.00	9.87	305.61	4,914.11	476.34	-563.04	737.17	0.53	0.28	2.65
5,086.00	9.48	303.33	5,007.76	485.38	-576.20	753.09	0.58	-0.41	-2.40
5,179.00	9.68	305.02	5,099.46	494.08	-589.00	768.53	0.37	0.22	1.82
5,273.00	8.94	304.76	5,192.22	502.78	-601.47	783.70	0.79	-0.79	-0.28
5,366.00	8.19	301.99	5,284.18	510.41	-613.03	797.50	0.92	-0.81	-2.98
5,460.00	8.18	305.69	5,377.23	517.85	-624.14	810.83	0.56	-0.01	3.94
5,554.00	9.06	304.75	5,470.16	525.97	-635.65	824.89	0.95	0.94	-1.00
5,584.21	9.00	303.47	5,500.00	528.63	-639.57	829.62	0.69	-0.20	-4.24
WD M-32-8-16 Target									
5,648.00	8.89	300.71	5,563.01	533.90	-647.97	839.47	0.69	-0.17	-4.32
5,742.00	8.83	296.15	5,655.89	540.79	-660.70	853.72	0.75	-0.06	-4.85
5,836.00	8.83	297.44	5,748.78	547.30	-673.57	867.85	0.21	0.00	1.37
5,931.00	7.78	298.28	5,842.78	553.70	-685.71	881.33	1.11	-1.11	0.88
6,024.00	7.15	300.30	5,934.99	559.60	-696.25	893.25	0.73	-0.68	2.17
6,117.00	6.33	304.24	6,027.35	565.41	-705.48	904.09	1.01	-0.88	4.24
6,209.00	5.51	303.09	6,118.86	570.67	-713.38	913.55	0.90	-0.89	-1.25
6,302.00	5.11	305.32	6,211.46	575.51	-720.50	922.13	0.48	-0.43	2.40
6,394.00	5.03	304.65	6,303.10	580.17	-727.16	930.24	0.11	-0.09	-0.73
6,487.00	4.58	302.39	6,395.77	584.48	-733.65	938.00	0.52	-0.48	-2.43
6,507.00	4.26	302.03	6,415.71	585.30	-734.95	939.54	1.61	-1.60	-1.80
6,560.00	4.26	302.03	6,468.57	587.39	-738.29	943.45	0.00	0.00	0.00
Projection to TD									

Scientific Drilling

Survey Report

Company: Newfield Exploration Co.	Local Co-ordinate Reference: Well WD M-32-8-16	
Project: Duchesne County, UT	TVD Reference: GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)	
Site: Wells Draw M-32-8-16	MD Reference: GL 5754' & RKB 12' @ 5766.00ft (NDSI 2)	
Well: WD M-32-8-16	North Reference: True	
Wellbore: OH	Survey Calculation Method: Minimum Curvature	
Design: OH	Database: EDM 2003.14.1.0 Single User Db	

Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N/-S (ft)	+E/-W (ft)	Northing (ft)	Easting (ft)	Latitude	Longitude
WD M-32-8-16 Target	0.00	0.00	5,500.00	556.00	-657.00	7,198,639.01	2,020,032.28	40° 4' 27.065 N	110° 8' 36.192 W
- hit/miss target									
- Shape									
- survey misses by 32.11ft at 5588.77ft MD (5504.50 TVD, 529.02 N, -640.17 E)									
- Circle (radius 75.00)									
BHL	0.00	0.00	6,486.00	650.00	-632.00	7,198,733.38	2,020,055.85	40° 4' 27.994 N	110° 8' 35.871 W
- survey misses by 124.59ft at 6560.00ft MD (6468.57 TVD, 587.39 N, -738.29 E)									
- Point									

Survey Annotations

Measured Depth (ft)	Vertical Depth (ft)	Local Coordinates		Comment
		+N/-S (ft)	+E/-W (ft)	
6,560.00	6,468.57	587.39	-738.29	Projection to TD

Checked By: _____	Approved By: _____	Date: _____
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